

KANSAS REGISTER



State of Kansas

JACK H. BRIER
Secretary of State

Vol. 5, No. 25

June 19, 1986

Pages 953-984

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State of Kansas

LEGISLATURE

INTERIM AGENDA

The following committee meetings have been scheduled during the period of June 23 through July 4, 1986.

Date	Room	Time	Committee	Agenda
June 26	526-S	10:00 a.m.	Special Committee on Communications, Computers and Technology	Proposal No. 4—State Agency Data Processing Applications.
June 27	526-S	9:00 a.m.		

WILLIAM R. BACHMAN
Director of Legislative
Administrative Services

Doc. No. 004336

State of Kansas

DEPARTMENT OF HEALTH
AND ENVIRONMENTBOARD OF ADULT CARE
HOME ADMINISTRATORS

NOTICE OF MEETING

The Board of Adult Care Home Administrators will meet at 1:30 p.m. Friday, June 27, in the executive conference room at the Kansas Department of Health and Environment, Forbes Field, Building 740, Topeka.

JOHN GRACE
Chairman

Doc. No. 004334

State of Kansas

DEPARTMENT OF HUMAN RESOURCES

NOTICE OF MAXIMUM AND MINIMUM
WEEKLY BENEFIT AMOUNTS

The maximum and minimum weekly benefits payable with respect to claims filed on or after July 1, 1986, and before July 1, 1987, are respectively \$197 and \$49.

I certify that these maximum and minimum weekly benefits have been computed in accordance with K.S.A. 44-704, pursuant to which section this announcement is published.

LARRY E. WOLGAST, Ed.D.
Department of Human Resources

Doc. No. 004339

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JACK H. BRIER
Secretary of State
2nd Floor, State Capitol
Topeka, KS 66612-1594



PHONE: 913/296-3489

State of Kansas
BOARD OF ACCOUNTANCY

NOTICE OF MEETING

The State Board of Accountancy will meet at 9 a.m. Wednesday, June 25, in room 237, 503 Kansas Ave., Topeka. Persons interested in agenda items or in attending should contact the board office at (913) 296-2162 or at the address above.

GLEENDA SHERMAN
 Board Secretary

Doc. No. 004331

State of Kansas
SECRETARY OF STATE

EXECUTIVE APPOINTMENTS

Executive appointments made by the Governor, and in some cases by other state officials, are filed with the Secretary of State's office.

Complete listings of state agencies, boards and commissions are included in the Kansas Directory. County officials are listed in the Directory of County Officers. Both directories are published by the Secretary of State's office and are available free of charge.

The following appointments were filed June 1 through June 15:

**Juvenile Offender Programs,
 Advisory Commission on**

Sally Cullerton, 8813 W. 90th Terrace, Overland Park 66212. Effective June 12, 1986. Expires June 30, 1987. Succeeds Chris Rieger, resigned.

**District Magistrate Judge, 22nd Judicial District,
 Position 3**

William H. Huerter, 411 N. 9th, Seneca 66538. Effective June 9, 1986. Expires when a successor is elected and qualifies according to law. Succeeds Francis Holthaus, retired.

**Greenwood County Commissioner,
 1st District**

Harold Fankhauser, Route 2, Box 620, Madison 66860. Effective June 11, 1986. Expires when a successor is elected and qualifies according to law. Succeeds Warren Godfrey, resigned.

Russell County Register of Deeds

Nancy Edwards Balloun, 108 Cindy Drive, Russell 67665. Effective June 11, 1986. Expires when a successor is elected and qualifies according to law. Succeeds Doris Drager, resigned.

JACK H. BRIER
 Secretary of State

State of Kansas
FISH AND GAME COMMISSION

**NOTICE OF MEETING
 AND PUBLIC HEARING**

A meeting of the Kansas Fish and Game Commission is scheduled for Wednesday, July 16 at the Harvest Inn, Rainbow II Room, 1001 E. 6th, Junction City.

The public hearing, concerning the 1986 early migratory bird seasons (dove, snipe, rail, woodcock, teal and sandhill crane), will begin at 7 p.m.

A general business meeting will follow the hearing.

JOE FOWLER
 Chairman

Doc. No. 004345

State of Kansas
ATTORNEY GENERAL

Opinion No. 86-86

Drainage and Levees—Watershed Districts—Use of Absentee Ballots or Voter Proxy in Election of Directors.

Elections—Absentee Voting—Application to Watershed District Elections. Charles R. Rayl, Attorney for South Fork Watershed Joint District No. 76, Cottonwood Falls, June 5, 1986.

K.S.A. 1985 Supp. 24-1211, which provides for the election of directors of a watershed district at an annual meeting, states that elections shall be by ballot and that qualified voters shall be entitled to vote at any such meeting. Said statutory language does not authorize absentee ballots to be voted at said meeting, nor does it authorize the use of proxy voting. Cited herein: K.S.A. 1985 Supp. 24-1211; G.S. 1961 Supp. 25-1102, Repealed, L. 1967, ch. 208, § 19; K.S.A. 1985 Supp. 25-1115; K.S.A. 25-1117; 25-1119. BPA

Opinion No. 86-87

Crimes and Punishments—Code; Crimes Against The Public Safety—Confiscation and Disposition of Weapons. Ed E. Ritchie, Shawnee County Sheriff, Topeka, June 5, 1986.

A county may keep weapons seized under K.S.A. 21-4206 if they are usable in their current state to the law enforcement agency. If weapons are kept as county property, they may be traded only in limited circumstances. In all other circumstances the weapons must be destroyed or sold with the proceeds going to the state treasurer. Cited herein: K.S.A. 21-4206, 22-2512. BLB

ROBERT T. STEPHAN
 Attorney General

Doc. No. 004335

State of Kansas

BOARD OF EDUCATION**NOTICE OF HEARING
ON THE KANSAS STATE PLAN
FOR THE NUTRITION EDUCATION
AND TRAINING PROGRAM**

The Kansas State Board of Education will conduct a public hearing at 1:30 p.m. Tuesday, July 8, in Room 121 of the Kansas State Education Building, 120 E. 10th, Topeka, to consider the proposed Kansas State Plan for the Nutrition Education and Training Program for fiscal year 1987.

The proposed plan relates generally to the nutrition education needs, goals and objectives, activity plans, and budget for the 1987 fiscal year. Chapter one describes the needs assessment conducted in fiscal year 1980 and the ongoing needs assessment for the current year. It also includes a chart which summarizes problems identified in the needs assessment and the activities undertaken to address those problems. Chapter two specifies program goals and objectives, and activities designed to meet objectives. The budget is outlined in chapter three, and activities for fiscal year 1982 through fiscal year 1987 are summarized in chapter four.

A copy of the plan may be obtained by contacting the secretary of the State Board of Education, Kansas State Education Building, 120 E. 10th, Topeka 66612, prior to the date of the hearing.

On the date of the hearing, all interested persons will be given a reasonable opportunity to present their views, either orally or in writing, in regard to the proposed plan. Individuals or organizations that cannot appear at the hearing may submit to the secretary, at least five days before the hearing, their views regarding the proposed plan by letter, regular audio cassette tape, or one-half inch VHS video cassette tape. Audio or video cassette tapes shall not exceed three minutes in length and shall be accompanied by a signed transcript. Persons using tapes shall first identify themselves in the tapes and state whether they represent only themselves or whether they represent a group. All comments received will be considered by the board. The hearing shall be conducted in compliance with the public hearing procedures of the board.

KANSAS STATE BOARD OF EDUCATION

By: Robert J. Clemons
Chairman

Certified by:
Dr. Harold L. Blackburn
Kansas Commissioner of Education

Doc. No. 004337

State of Kansas

DEPARTMENT OF TRANSPORTATION**NOTICE TO CONTRACTORS**

Notice is hereby given that sealed proposals for the construction of road and bridge work in the following Kansas counties will be received at the K.D.O.T. District One conference room, 121 W. 21st, Topeka, or at the office of the Chief of Construction and Maintenance, K.D.O.T., Topeka, until 10 a.m. C.D.T., June 26, 1986, and then publicly opened:

DISTRICT ONE—Northeast

Lyon—35-56 K-2968-01—I-35, beginning at the junction of I-35 and US-50 overpass east of Emporia, then east to 1.0 mile west of the Coffey-Lyon county line, 9.4 miles, pavement undersealing. (Federal Funds)

Proposals will be issued upon request to all prospective bidders who have been prequalified by the K.D.O.T. on the basis of financial condition, available construction equipment, and experience. Also, a statement of unearned contracts (Form No. 284) must be filed. There will be no discrimination against anyone regardless of race, religion, color, sex, physical handicap, national origin or ancestry in the award of contracts.

Plans and specifications for the project may be examined at the office of the respective county clerk or at the K.D.O.T. district office responsible for the work.

JOHN B. KEMP
Secretary of Transportation

Doc. No. 004320

State of Kansas

DEPARTMENT OF TRANSPORTATION**NOTICE TO CONTRACTORS**

Notice is hereby given that sealed proposals for the construction of road and bridge work in the following Kansas counties will be received at the office of the Chief of Construction and Maintenance, K.D.O.T., Topeka, until 10 a.m., July 17, 1986, and then publicly opened:

DISTRICT ONE—Northeast

Atchison—73-3 K-2828-01—U.S. 73, beginning at the 4-lane pavement north to the south city limits of Atchison, 0.6 mile, overlay. (State Funds)

Atchison—73-3 K-2891-01—U.S. 73, beginning at Main Street, then south to the south city limits in Atchison, 1.0 mile, overlay. (State Funds)

Brown—7 C-2142-01—County road, 0.5 mile north and 1.1 miles east of Robinson, then east, 0.3 mile, bridge replacement. (Federal Funds)

Doniphan—22 C-1979-01—County road, 0.5 mile east and 2.0 miles south of White Cloud, then south, 0.2 mile, bridge replacement. (Federal Funds)

(continued)

Johnson—35-46 M-1421-01—I-35, beginning at the U.S. 169 and K-7 interchange, then northeast to the Johnson-Wyandotte county line, southbound lane only, 16.2 miles, asphalt pavement patching. (State Funds)

Johnson—169-46 M-1433-01—U.S. 69/U.S. 169/K-150 junction, then north to 107th Street, 3.4 miles, patching. (State Funds)

Lyon—57-56 K-0548-02—K-57, beginning 6.3 miles south of Emporia, then north, 3.1 miles, grading, surfacing and bridge. (State Funds)

Lyon—35-56 M-1430-01—I-35, KTA toll booth, then east to the east junction of I-35 and U.S. 50, 5.8 miles, patching. (State Funds)

Marshall—58 C-1976-01—County road, 0.8 mile west of Blue Rapids, then northwest, 0.4 mile, bridge replacement. (Federal Funds)

Nemaha—66 C-0648-01—County road, southeast edge of Centralia, 0.2 mile, bridge replacement. (Federal Funds)

Riley—70-81 M-1431-01—I-70, beginning at FAS 1315, then east to the Riley-Wabaunsee County line, 5.8 miles, milling and repair. (State Funds)

Shawnee—24-89 K-2070-01—U.S. 24, Atchison, Topeka and Santa Fe Railroad bridge 83, 1.55 miles east of U.S. 75 Alternate, bridge repair. (State Funds)

Shawnee—75A-89 K-2892-01—U.S. 75 Alternate, 9th Street south to 11th Street in Topeka, 0.4 mile, intersection improvements. (Federal Funds)

Shawnee—70-89 M-1429-01—I-70, beginning at Gage Boulevard, then east to the Polk-Quincy Viaduct, 2.7 miles, overlay. (State Funds)

Shawnee—470-89 M-1428-01—I-470, beginning at Wanamaker Road, then east to Gage Boulevard, eastbound lanes, 3.1 miles, patching. (State Funds)

Wabaunsee—70-99 M-1432-01—I-70, beginning at the junction of K-99, then east to the junction of K-30, 13.5 miles, overlay. (State Funds)

Wyandotte—35-105 M-1422-01—I-35, beginning at the Wyandotte-Johnson county line, then northeast, 1.701 miles, asphalt pavement patching. (State Funds)

Wyandotte—435-105 K-0992-01—I-435 and Kaw Drive (K-32), traffic signal. (Federal Funds)

DISTRICT TWO—Northcentral

Chase—9 C-1903-01—County road, beginning 4.2 miles south of Cedar Point, then west, 0.3 mile, bridge replacement. (Federal Funds)

Ellsworth—70-27 M-1436-01—I-70, beginning at the Russell-Ellsworth county line, then east to the Ellsworth-Lincoln county line, 23.3 miles, latex modified slurry seal. (State Funds)

Geary—31 C-2104-01—County road, beginning 2.5 miles west and 7.4 miles south of the junction of I-70 and K-177, then south, 0.2 mile, bridge replacement. (Federal Funds)

Lincoln—70-53 M-1435-01—I-70, beginning at the Ellsworth-Lincoln county line, then east to the Lincoln-Saline county line, 7.2 miles, latex modified slurry seal. (State Funds)

Marion—50-57 K-2423-01—U.S. 50, beginning 0.1 mile east of FAS 1410, then east to Marion-Chase county line, 4.0 miles, overlay and widening. (Federal Funds)

DISTRICT THREE—Northwest

Phillips—74 C-1838-01—County road, beginning 2.5 miles west and 0.7 mile south of Long Island, then south, 0.1 mile, bridge replacement. (Federal Funds)

Sherman—91 C-2126-01—County road, beginning at Goodland, then north, 0.3 mile, bridge replacement. (Federal Funds)

DISTRICT FOUR—Southeast

Cherokee—66-11 K-2072-01—K-66, eastbound lane only, Spring River bridge 5, 0.5 mile east of the west junction of K-26, bridge painting. (State Funds)

Cherokee—69A-11 K-2908-01—Intersection of U.S. 69 Alternate and K-66 at Riverton, traffic signal. (State Funds)

Franklin—59-30 K-2897-01—U.S. 59, beginning at 10th Street, then south to 15th Street in Ottawa, 0.6 mile, grading and surfacing. (Federal Funds)

Miami—61 C-1418-01—County road, 0.5 mile west and 0.8 mile north of Fontana, then north, 0.4 mile, bridge replacement. (Federal Funds)

Wilson—103 C-2098-01—County road, 0.6 mile east and 0.1 mile south of Fredonia, then south, 0.1 mile, bridge replacement. (Federal Funds)

DISTRICT FIVE—Southcentral

Butler—54-8 K-2056-01—U.S. 54, Whitewater River bridges 5 and 6, 8.5 miles and 8.7 miles east of the Harvey-Butler county line, bridge painting. (State Funds)

Pratt—54-76 K-2840-01—U.S. 54 and K-61 junction in Pratt, intersection improvement. (State Funds)

Sedgwick—87 C-1973-01—County road, 1.0 mile east of Derby, then east, 0.1 mile, bridge replacement. (Federal Funds)

Sumner—81-96 K-1027-01—Ninnescah River along U.S. 81, beginning at the junction of K-55, then north, 0.3 mile, bank protection. (State Funds)

Proposals will be issued upon request to all prospective bidders who have been prequalified by the K.D.O.T. on the basis of financial condition, available construction equipment, and experience. Also, a statement of unearned contracts (Form No. 284) must be filed. There will be no discrimination against anyone regardless of race, religion, color, sex, physical handicap, national origin or ancestry in the award of contracts.

Plans and specifications for the projects may be examined at the offices of the respective county clerks or at the K.D.O.T. district offices responsible for the work.

JOHN B. KEMP
Secretary of Transportation

Doc. No. 004343

State of Kansas

BOARD OF MORTUARY ARTS**NOTICE OF MEETING AND
HEARING ON PROPOSED
ADMINISTRATIVE REGULATIONS**

The regular scheduled quarterly meeting and a public hearing on proposed regulations will be conducted July 10 and 11 by the Kansas State Board of Mortuary Arts.

The meeting will begin at 9 a.m. Thursday, July 10, with the public hearing on proposed regulations scheduled for 1:15 p.m. the same day. Both will be held at the board office, 214 W. 6th, Suite 203, Topeka.

The amended regulations are: K.A.R. 63-1-1, consisting of grammatical and agency name change; K.A.R. 63-1-3, which updates educational requirements; and K.A.R. 63-1-14, which will place a maximum of six hours credit for any approved C.E. program.

All interested parties may submit written comments prior to the hearing to the board's office. Following the hearing, all written and oral comments submitted will be considered by the board as the basis for making any changes to the proposed amended regulations. A fiscal impact statement and a copy of the full text can be obtained from the board.

The Friday, July 11 meeting will be held at the downtown Holiday Inn (City Centre), beginning with the administering of examinations at 9 a.m.

DOUGLAS "MACK" SMITH
Executive Secretary

Doc. No. 004332

State of Kansas

**DEPARTMENT OF ADMINISTRATION
DIVISION OF PURCHASES****NOTICE TO BIDDERS**

Sealed bids for items hereinafter listed will be received by the Director of Purchases, State Office Building, Topeka, until 2 p.m. D.S.T., and then will be publicly opened. Interested bidders may call (913) 296-2377 for additional information.

MONDAY, JUNE 30, 1986

#27222

Kansas Correctional Industries, Lansing—TRAFFIC
ALKYD RESIN

#27223

Kansas Correctional Industries, Lansing—VARIOUS
MEDIUM OIL AND ALKYD MODIFIED RESINS

#27224

Kansas Correctional Industries, Lansing—
AMORPHOUS SILICA, MAGNESIUM SILICATE,
CALCIUM CARBONATE FOR PAINT

#27225

Kansas Correctional Industries, Lansing—
BLENDED TRAFFIC PAINT THINNER

#27226

Kansas Correctional Industries, Lansing—HANSA
YELLOW, LEAD FREE, DRY PAINT GRANULES

#27229

Kansas Correctional Industries, Lansing—VINYL
ACRYLIC AND VARIOUS EMULSIONS

#27230

Kansas Correctional Industries, Lansing—NEW 55
GALLON STEEL DRUMS

#27231

Kansas Correctional Industries, Lansing—
RECONDITION 55 GALLON STEEL DRUMS

#27232

Kansas Correctional Industries, Lansing—METAL
CONTAINERS, QUARTS THROUGH FIVES

#27233

Kansas Correctional Industries, Lansing—METHYL
CARBITOL AND VARIOUS GLYCOLS

#27234

Kansas Correctional Industries, Lansing—RUTILE
TITANIUM PIGMENT (W-2)

#27235

Kansas Correctional Industries, Lansing—RUTILE
TITANIUM DIOXIDE (W-5)

#27236

Statewide—LINENS

#27239

Kansas Correctional Industries, Lansing—
TRIBUTOXYETHYL PHOSPHATE

#65607-A

University of Kansas, Lawrence—
MICROCOMPUTER—APPLE COMPATIBLE

#66172

Department of Corrections, (Kansas State
Penitentiary), Lansing—FURNISH ALL LABOR AND
PARTIAL MATERIAL TO DO CONCRETE WORK,
State Reception and Diagnostic Center, Topeka

#66174

Department of Transportation, Topeka—APPLE
COMPATIBLE MICROCOMPUTER

#66178

Department of Administration, Topeka—
ACCOUNTING SERVICES

#66183

University of Kansas, Lawrence—HPLC
APPARATUS

#66184

Kansas State University, Manhattan—PHYSICS
RESEARCH EQUIPMENT

#66193

Department of Administration, Topeka—STORM
SEWER REVISIONS, Cedar Crest

#66194

Department of Administration, Topeka—TREE
WELL DRAINAGE, Kansas Judicial Center

#66199

University of Kansas, Lawrence—SUPER
CONDUCTING HIGH RESOLUTION FP NMR
SYSTEM

#66200

University of Kansas, Lawrence—
MICROCOMPUTERS

TUESDAY, JULY 1, 1986

#A-3898(c)

Fort Hays State University, Hays—CONSTRUCT
RAMP FOR HANDICAPPED ACCESS, MARTIN
ALLEN HALL

#A-4858(b)

The University of Kansas School of Medicine at
Wichita, Wichita—IRRIGATION AND LAWN
INSTALLATION—66173

#Kansas Bureau of Investigation, Topeka
IBM SYSTEM 38 UPGRADE

WEDNESDAY, JULY 2, 1986

#A-5220

Fort Hays State University, Hays—PROVIDE ROOF
REPAIRS BUILDING 223, OLD POWER PLANT

#A-5458(e)

Kansas State University, Hutchinson—REROOF
BEEF JUDGING PAVILION

#27227

Emporia State University, Emporia—READY MIX
CONCRETE

#66180

University of Kansas Medical Center, Kansas
City—TOMOGRAPHY SYSTEM: INSTALLATION
PURCHASE

#66181

Department of Administration, Topeka—COBOL II
LIBRARY PROGRAMMER—IBM 4341
COMPATIBLE

#66185

University of Kansas, Lawrence—PRINTING AND
BINDING

THURSDAY, JULY 3, 1986

#A-5323

Topeka State Hospital, Topeka—UPDATE
SECONDARY ELECTRICAL SYSTEM, FELDMAN
BUILDING

#A-5164-1

University of Kansas, Lawrence—CONSTRUCT
TYPICAL LIBRARY BAY MOCK-UP, PROPOSED
SCIENCE AND TECHNOLOGY LIBRARY, OLD
BANK BUILDING

#27237

University of Kansas Medical Center, Kansas
City—DRY CLEANING SERVICE

#66192

University of Kansas, Lawrence—FRENCH HORN
AND BARITONE HORN

TUESDAY, JULY 8, 1986

#A-5391

Kansas State Historical Society, Topeka—REROOF
FORT HAYS VISITOR'S CENTER, Hays

#A-5509

Wichita State University, Wichita—ROOFING
SYSTEM REPLACEMENT, NEFF HALL, ON
CAMPUS

#66179

University of Kansas, Lawrence—TRASH
COMPACTOR

TUESDAY, JULY 22, 1986

#27212

Hospitals Administered by Board of Regents,
Topeka—HOSPITAL PROFESSIONAL LIABILITY
INSURANCE

NICHOLAS B. ROACH
Director of Purchases

Doc. No. 004340

State of Kansas**SOCIAL AND REHABILITATION SERVICES****NOTICE OF MEETING**

The Department of Social and Rehabilitation Services will meet at 9 a.m. Tuesday, July 1, in the Staff Development Training Center, 2700 W. 6th, Topeka.

The scheduled agenda includes:

- Adoption of proposed temporary administrative regulations to become effective July 1, 1986.
- Public hearing with clients/providers regarding budget priorities for FY 1988.
- Present final social services block grant plan.
- Present proposed community services block grant plan (60 day comments).

The public is invited to this meeting. Telephone hook-ups are provided at the following locations of Social and Rehabilitation Services offices: Chanute, Emporia, Garden City, Hays, Hiawatha, Hutchinson, Junction City, Kansas City, Lawrence, Olathe, Ottawa, Parsons, Pittsburg, Pratt, Salina, Topeka (area office and State Office Building), Wichita and Winfield.

ROBERT C. HARDER
Secretary of Social and
Rehabilitation Services

Doc. No. 004333

(Published in the KANSAS REGISTER, June 19, 1986.)

**NOTICE OF REDEMPTION
WATER DISTRICT NO. 1 OF
JOHNSON COUNTY, KANSAS
WATER REVENUE REFUNDING BONDS
SERIES DECEMBER 1, 1971**

Notice is hereby given pursuant to the provisions of Section 4 of Resolution of Water District No. 1 of Johnson County, Kansas, dated November 23, 1971, that the following numbered bonds of Water District No. 1 of Johnson County, Kansas Water Revenue Bonds, Series 1971, dated December 1, 1971, due August 1, 1994, have been called for redemption on August 1, 1986: 1900 through 1905, inclusive.

Said bonds will be due and payable in lawful money of the United States at the office of the paying agent, the State Treasurer of Kansas, P.O. Box 737, Topeka, KS 66601, at 103 percent of the principal amount thereof.

Interest due on August 1, 1986 will be paid on that date. From and after August 1, 1986, interest shall cease to accrue on the bonds selected for redemption.

BANK IV TOPEKA, N.A.
TOPEKA, KANSAS
By: Walter W. Clark
Assistant Vice President
and Trust Officer

Doc. No. 004344

(Published in the KANSAS REGISTER, June 19, 1986.)

NOTICE OF BOND SALE
\$50,700,000
INTERNAL IMPROVEMENT BONDS
SERIES 1986
OF THE
CITY OF KANSAS CITY, KANSAS
 (general obligation bonds payable from
 unlimited ad valorem taxes)

Sealed Bids

Sealed bids will be received by the undersigned, City Clerk of the City of Kansas City, Kansas, on behalf of the council at the Municipal Building, One Civic Center Plaza, 701 N. 7th, Kansas City, Kansas, until 10 a.m. C.D.T., on Tuesday, June 24, 1986, for the purchase of \$50,700,000 principal amount of internal improvement bonds, series 1986, of the city hereinafter described. All bids will be publicly opened and read at said time and place and will be acted upon by the governing body immediately thereafter.

Bond Details

The bonds will consist of fully registered bonds in the denomination of \$5,000 or any integral multiple thereof, dated June 16, 1986, and becoming due serially on April 1 and October 1 in the years as follows:

Year	April 1 Principal Amount	October 1 Principal Amount
1992	\$2,655,000	\$3,935,000
1993	4,105,000	4,265,000
1994	4,410,000	4,565,000
1995	4,725,000	4,895,000
1996	5,070,000	5,255,000
1997	5,450,000	1,370,000

The bonds will bear interest from the date thereof at rates to be determined when the bonds are sold as hereinafter provided, which interest will be payable semiannually on April 1 and October 1 in each year, beginning on April 1, 1987.

Place of Payment and Bond Registration

The principal of and interest on the bonds will be payable in lawful money of the United States of America by check or draft of the Treasurer of the State of Kansas, Topeka, Kansas (the paying agent and bond registrar), to the registered owners thereof whose names are on the registration books of the bond registrar as of the 15th day of the month preceding each interest payment date. The bonds will be registered pursuant to a plan of registration approved by the city and the Attorney General of the State of Kansas. The bonds may be registered as fully registered certificated bonds or uncertificated (book entry) bonds at the option of each registered owner.

The city will pay for the fees of the bond registrar for registration and transfer of the bonds and will also pay for printing a reasonable supply of registered bond blanks. Any additional costs or fees that might be incurred in the secondary market, other than fees of

the bond registrar, will be the responsibility of the bondholders.

The type and denomination of the bonds and the names, addresses and social security or taxpayer identification numbers of the registered owners shall be submitted in writing by the successful bidder to the city and bond registrar not later than July 16, 1986. In the absence of such information, the city will deliver bonds in the denomination of each maturity registered in the name of the successful bidder.

Redemption of Bonds Prior to Maturity

Bonds maturing in the years 1992 to 1994, inclusive, shall become due without option of prior payment. At the option of the city, bonds maturing in the years 1995 and thereafter, may be called for redemption and payment prior to maturity in whole or in part in inverse order of maturity (selection of bonds within the same maturity to be by lot by the city in such equitable manner as it may determine) on October 1, 1994, or on any interest payment date thereafter at par.

Whenever the city is to select the bonds for the purpose of redemption, it shall, in the case of bonds in denominations greater than \$5,000, if less than all of the bonds then outstanding are to be called for redemption, treat each \$5,000 of face value of each such fully registered bond as though it were a separate bond of the denomination of \$5,000.

If the city shall elect to call any bonds for redemption and payment prior to the maturity thereof, the city shall publish once in a financial journal published in the city of New York, New York, a notice of the intention of the city to call and pay said bonds, the same being described by number and maturity, said notice to be published not less than 30 days prior to the date on which said bonds are called for payment. The city shall also give written notice of its intention to call and pay said bonds on a specified date, the same being described by number and maturity, said notice to be mailed by United States registered or certified mail addressed to the registered owners of said bonds to the State Treasurer of Kansas, and to the manager or managers of the underwriting account making the successful bid, each of said notices to be mailed not less than 30 days prior to the date fixed for redemption. If any bond be called for redemption and payment as aforesaid, all interest on such bond shall cease from and after the date for which such call is made, provided funds are available for its payment at the price hereinbefore specified.

Conditions of Bids

Proposals will be received on the bonds bearing such rate or rates of interest as may be specified by the bidders, subject to the following conditions: The same rate shall apply to all bonds of the same maturity. Each interest rate specified shall be a multiple of 1/8 or 1/20 of 1 percent. No interest rate shall exceed a rate equal to the 20 bond index of tax exempt municipal bonds published by Credit Markets in New York, New York, on the Monday next preceding the day on which the bonds are sold, plus 2 percent. The difference between the highest rate specified and the lowest rate

specified shall not exceed 2 percent. No bid of less than the par value of the bonds and accrued interest thereon to the date of delivery will be considered and no supplemental interest payments will be authorized. Each bid shall specify the total interest cost to the city during the life of the bonds on the basis of such bid, the premium, if any, offered by the bidder, and the net interest cost to the city on the basis of such bid. Each bid shall also specify the average annual net interest rate to the city on the basis of such bid.

Basis of Award

The award of the bonds will be made on the basis of the lowest net interest cost to the city, which will be determined by subtracting the amount of the premium bid, if any, from the total interest cost to the city. If there is any discrepancy between the net interest cost and the average annual net interest rate specified, the specified net interest cost shall govern and the interest rates specified in the bid shall be adjusted accordingly. If two or more proper bids providing for identical amounts for the lowest net interest cost are received, the governing body shall determine which bid, if any, shall be accepted, and its determination shall be final. The city reserves the right to reject all bids and to waive any irregularities in a submitted bid.

Authority, Purpose and Security

The bonds are being issued pursuant to K.S.A. 12-635 to 12-646a, inclusive; 12-685 to 12-690, inclusive; 13-1026; 13-1055a to 13-1055b, inclusive, all as may be amended; Home Rule Ordinance 64825, Home Rule Ordinance No. 63761, and Charter Ordinance No. 69 of the city, for the purpose of paying the cost of certain street lighting, bridge repairs, main trafficway and main trafficway connection improvements and certain other internal improvements within the city. The bonds and the interest thereon will constitute general obligations of the city, payable from ad valorem taxes which may be levied without limitation as to rate or amount upon all the taxable tangible property, real and personal, within the territorial limits of the city.

Legal Opinion

The bonds will be sold subject to the unqualified approving opinion of Gaar & Bell, bond counsel, Overland Park, Kansas, a copy of which opinion will be printed on the reverse side of each bond. The cost of this legal opinion and the expenses of printing the bonds and legal opinion will be paid by the city. The legal opinion will state that the bonds will be payable from ad valorem taxes which may be levied without limitation as to rate or amount upon all of the taxable tangible property within the territorial limits of the city, and that, under existing law, the interest on said bonds is exempt from present federal income taxation. A manually signed original of each such opinion will be furnished without expense to the purchaser of the bonds at the delivery thereof.

Delivery and Payment

The city will pay for printing the bonds and will deliver the same properly prepared, executed and registered without cost to the successful bidder within 40 days after the date of sale at such bank or trust

company in the contiguous United States of America as may be specified by the successful bidder. The successful bidder will also be furnished with a certified transcript of the proceedings evidencing the authorization and issuance of the bonds and the usual closing proofs, which will include a certificate that there is no litigation pending or threatened at the time of delivery of the bonds affecting their validity and a certificate relating to the completeness and accuracy of the official statement and notice of bond sale. Payment for the bonds shall be made in federal reserve funds, immediately subject to use by the city.

Refunding Issue Planned

On or about July 8, 1986, the city plans to offer for sale on a negotiated basis another series of general obligation bonds in the approximate principal amount of \$30,245,000 (the proposed refunding bonds). The proceeds from the sale of the proposed refunding bonds will be used to refund in advance of their maturities \$31,195,000 principal amount of the city's outstanding general obligation bonds. None of the proceeds from the sale of the proposed refunding bonds will be used to refund the bonds offered pursuant to this notice of bond sale. For further information concerning the city's plan to issue the proposed refunding bonds, see the information set forth in the preliminary official statement under the caption "Plan of Financing—Proposed Refunding Bonds."

Pending Federal Legislation Concerning Tax-Exempt Obligations

On December 17, 1985, the U.S. House of Representatives passed H.R. 3838, the Tax Reform Act of 1985. The bill presently is pending in the Senate. The bill in its present form imposes additional requirements which must be satisfied in order for interest on obligations issued by or on behalf of state and local governments to be exempt from federal income taxation. Such requirements generally are effective for all obligations issued after December 31, 1985, and thus, if the bill becomes law in its present form, would be applicable to the bonds.

The bill is subject to change, and, if it becomes law, may contain requirements which differ from those contained in the bill in its present form. Therefore, there can be no assurance that the city will be able to comply with such requirements. The failure or inability of the city to comply with the requirements of the bill could jeopardize the tax-exempt status of the bonds from their date of issuance. Holders should be aware that in such event, the bonds are not callable, nor will the interest rate on the bonds be adjusted to reflect the loss of the tax exemption.

On March 14, 1986, a joint statement was issued by key congressional leadership and the Secretary of the Treasury with respect to the postponement, until September 1, 1986 (or the date of enactment of tax reform legislation, if earlier) of certain provisions of the bill. In reliance upon the joint statement, if the bonds are issued prior to September 1, 1986, or the date of enactment of tax reform legislation, if earlier,

(continued)

the city does not intend to comply with the provisions of the bill for which the effective date was postponed.

On May 6, 1986, the Senate Finance Committee reported an amendment to the bill. According to a "Summary of Tax Reform Provisions and H.R. 3838," as ordered reported by the Senate Finance Committee and prepared by the Joint Committee on Taxation, the amendment will contain a provision under which "one-half of the reported proceeds of a corporation not otherwise included in the minimum tax base would be (treated as) as preference." The effect of such provision may be to subject the interest on the bonds held by corporations to the alternative minimum tax provisions of the bill for taxable years commencing after December 31, 1986.

Good Faith Deposit

Each bid shall be accompanied by a cashier's or certified check drawn on a bank located in the United States of America in the amount of \$1,014,000, payable to the order of the city to secure the city from any loss resulting from the failure of the successful bidder to comply with the terms of his bid. No interest will be paid upon the successful bidder's good faith check. Said check shall be returned to the bidder if his bid is not accepted. If a bid is accepted, said check will be held by the city until the bidder shall have complied with all of the terms and conditions of this notice, at which time the check will be returned to the successful bidder or paid to his order at the option of the city. If a bid is accepted but the city shall fail to deliver the bonds to the bidder in accordance with the terms and conditions of this notice, said check will be returned to the bidder. If a bid is accepted but the bidder defaults in the performance of any of the terms and conditions of this notice, the proceeds of such check will be retained by the city as and for liquidated damages.

CUSIP Numbers

It is anticipated that CUSIP identification numbers will be printed on certificated bonds or assigned to uncertificated bonds, but neither the failure to print such number on or assign such number to any bond nor any error with respect thereto shall constitute cause for failure or refusal by the purchaser thereof to accept delivery of and pay for the bonds in accordance with the terms of the purchase contract. All expenses in relation to the assignment and printing of CUSIP numbers on the bonds will be paid by the city.

Bond Rating

The outstanding general obligation bonds of the city are rated "A-1" by Moody's Investor Service, Inc., and "AA" by Standard & Poor's Corporation, and the city has applied for rating on the bonds herein offered for sale.

Bid Forms

All bids must be made on forms which may be procured from the city clerk or the financial adviser. No additions or alterations in such forms shall be made and any erasures may cause rejection of any bid. The city reserves the right to waive irregularities and to reject any and all bids.

Submission of Bids

Bids must be submitted in sealed envelopes addressed to the undersigned city clerk and marked "Proposal for the Purchase of Internal Improvement Bonds." Bids may be submitted by mail or delivered in person to the undersigned at the Municipal Building and must be received by the undersigned prior to 10 a.m. C.D.T., on June 24, 1986.

Official Statement

The city has prepared a Preliminary Official Statement dated June 17, 1986, copies of which may be obtained from the city clerk or from the financial adviser. Upon the sale of the bonds, the city will adopt the final official statement and will furnish the successful bidder with a reasonable number of copies thereof without additional cost upon request. Additional copies may be ordered by the successful bidder at his expense.

Assessed Valuation and Indebtedness

The total assessed valuation of the taxable tangible property within the city for the year 1985 is \$425,236,056. The total general obligation indebtedness of the city, as of the date of the bonds, including the bonds being sold, is \$136,797,864. Temporary notes in the principal amount of \$45,477,300 will be retired out of proceeds of the bonds and other available funds. Of the above total amount of indebtedness, \$28,609,153 of outstanding bonds and \$11,965,100 of outstanding temporary notes are exempt from the statutory debt limits.

Additional Information

Additional information regarding the bonds may be obtained from the city clerk, or from the financial adviser, B. C. Christopher Securities Co., 4800 Main St., Kansas City, MO 64112, Attention: Rick Worner, (816) 932-7067.

Dated June 13, 1986.

CITY OF KANSAS CITY, KANSAS

Tom G. Roberts

City Clerk

Municipal Building

One Civic Center Plaza

701 N. 7th

Kansas City, KS 66101

(913) 573-5270

Doc. No. 004342

State of Kansas

STATE CORPORATION COMMISSION

NOTICE OF MOTOR CARRIER HEARINGS

Applications set for hearing are to be heard at 9:30 a.m. before the State Corporation Commission, State Office Building, fourth floor, Topeka, unless otherwise noticed.

This list does not include cases previously assigned hearing dates for which parties of record have received notice.

Questions concerning applications for hearing dates should be addressed to the State Corporation Commission, 4th Floor, State Office Building, Topeka 66612, (913) 296-3808 or 296-2110.

Your attention is invited to Kansas Administrative Regulations (K.A.R.) 82-1-228, "Rules of Practice and Procedure Before the Commission."

Application set for July 1, 1986

Renoticed Application for Contract Carrier Permit:

Shared Service Systems,) Docket No. 149,834 M
 Inc.)
 1725 S. 20th)
 Omaha, NE 68108-3889)

Applicant's Attorney: Richard D. Ralls, McAnany,
 VanCleve & Phillips, 707 Minnesota Ave., 4th
 Floor, P.O. Box 1398, Kansas City, KS 66117

Medical and hospital supplies,

From Saline County, Kansas, to all points and places in the state of Kansas. Under contract with Kendall McGaw Laboratories, Inc., of Salina, Kansas.

Applications set for July 10, 1986

Application for Certificate of Convenience and Necessity:

David E. Prater, dba) Docket No. 150,952 M
 University Amoco)
 1701 Anderson)
 Manhattan, KS 66502)

Applicant's Attorney: Robert Littrell, Kansas State
 Bank Building, 1010 Westloop, Manhattan, KS
 66502

Wrecked, disabled, repossessed and replacement motor vehicles and trailers,

Between points and places in Riley County, Kansas, on the one hand, and points and places in the state of Kansas, on the other.

Application for Contract Carrier Permit:

Sam Dunn Oil Co., Inc.) Docket No. 150,951 M
 1270 Southwest Blvd.)
 Kansas City, KS 66103)

Applicant's Attorney: None

Gasoline and diesel fuel,

Between all points and places in Johnson and Wyandotte counties, Kansas. Under contract with Stilwell Oil Co., of Stilwell, Kansas.

Application for Certificate of Convenience and Necessity:

Raymond Coker, dba) Docket No. 150,950 M
 Raymond Coker Trucking)
 2706 Gary)
 Dodge City, KS 67801)

Applicant's Attorney: William Barker, 3401 S.W.
 Harrison, Topeka, KS 66611

Food and related products, grain, dry fertilizer, dry fertilizer ingredients, dry feed and dry feed ingredients,

Between points in Finney, Haskell, Seward, Gray, Meade, Hodgeman, Ford, Clark, Pawnee, Edwards, Kiowa and Comanche counties, Kansas, on the one hand, and on the other, all points and places in Kansas.

Application for Extension of Certificate of Convenience and Necessity:

Girton Propane Service,) Docket No. 143,016 M
 Inc.)
 1156 Bridge)
 P.O. Box 606)
 Clay Center, KS 67432) MC ID No. 115221

Applicant's Attorney: Erle Francis, 714 Capitol
 Federal Building, Topeka, KS 66603

Unprocessed farm commodities,

Between all points and places in the counties of Clay, Marshall, Nemaha, Pottawatomie, Riley and Washington.

Also,

Between all points and places in the counties of Clay, Marshall, Nemaha, Pottawatomie, Riley and Washington, on the one hand, and all points and places in Kansas, on the other.

Application for Extension of Certificate of Convenience and Necessity:

Thomas Transfer &) Docket No. 19,976 M
 Storage, Co., Inc.)
 906 E. 6th)
 Emporia, KS 66801) MC ID No. 100072

Applicant's Attorney: Tom Kretsinger, 20 E. Franklin,
 Liberty, MO 64068

General commodities (except commodities in bulk and classes A and B explosives),

Between points in Kansas.

Application for Certificate of Convenience and Necessity:

National Engineering,) Docket No. 149,850 M
 Inc.)
 601 High St.)
 Baldwin City, KS 66006)

Applicant's Attorney: None

Wrecked, disabled, repossessed and replacement motor vehicles and trailers,

Between points and places in Douglas and Franklin counties, Kansas.

(continued)

Also,
Between points and places in the above described territory, on the one hand, and points and places in the state of Kansas, on the other hand.

Application for Extension of Certificate of Convenience and Necessity:

Bingham Transportation,) Docket No. 105,615 M
Inc.)
P.O. Box 728)
Baxter Springs, KS 66713) MC ID No. 101582

Applicant's Attorney: Clyde Christey, Southwest Plaza Building, Suite 202, 3601 W. 29th, Topeka, KS 66614

Salt,

Between points and places in Ellsworth, Rice and Reno counties, Kansas.

Also,

Between the above named counties, on the one hand, and on the other, all points and places in Kansas east of the west boundary lines of Republic, Cloud, Ottawa, Saline, McPherson, Harvey, Sedgwick and Sumner counties, Kansas.

Application for Contract Carrier Permit:

Oil Producers, Inc. of) Docket No. 150,956 M
Kansas)
1346 N. Woodlawn)
Wichita, KS 67208)

Applicant's Attorney: None

Crude oil, used in and for production, processing, treating, salvage, construction and for lease road purposes, in bulk, fresh water and salt water,

Between all points and places in Pratt, Kingman, Barber, Stafford and Kiowa counties, Kansas, on the one hand, and on the other, all points and places in Kansas.

Application for Certificate of Convenience and Necessity:

Stucky Enterprises of) Docket No. 149,848 M
Pretty Prairie, Inc.)
410 S. Park Street)
Box 61)
Pretty Prairie, KS 67570)

Applicant's Attorney: William Mitchell, 119 W. Sherman, P.O. Box 604, Hutchinson, KS 67504-0604

Building materials and supplies, bulk cement, fertilizer, grain, processed feed and other agricultural and maintenance supplies and materials,

Between points and places in Reno, Kingman, Harper, Kiowa, Pratt and Barber counties, Kansas.

Also,

Between points and places in the above mentioned counties, on the one hand, and points and places in the state of Kansas, on the other.

Applications set for July 15, 1986

Application for Certificate of Convenience and Necessity:

Engelhardt Grain) Docket No. 150,955 M
Company, Inc.)
Route 2, Mingo)
Colby, KS 67701)

Applicant's Attorney: Clyde Christey, Southwest Plaza Building, Suite 202, 3601 W. 29th, Topeka, KS 66614

Grain, dry feed, dry feed ingredients, dry fertilizer and seeds,

Between points and places in Cheyenne, Rawlins, Decatur, Norton, Sherman, Thomas, Sheridan, Graham, Wallace, Logan, Gove, Trego, Scott, Reno, Sedgwick, Saline, Shawnee and Wyandotte counties, Kansas.

Also,

Between points and places in the above described territory, on the one hand, and points and places in the state of Kansas, on the other hand.

Application for Extension of Certificate of Convenience and Necessity:

James L. Bell, Sr., dba) Docket No. 144,172 M
Jammco Trucking)
Route 2)
Minneapolis, KS 67467) MC ID No. 120508

Applicant's Attorney: None

General commodities (except classes A and B explosives and household goods),

Between points in the Kansas counties of Finney, Ford, Reno and Seward, on the one hand, and on the other, all points and places in the state of Kansas.

Application for Transfer of Certificate of Convenience and Necessity:

Max A. Chase, dba) Docket No. 117,277 M
Chase Mobile Homes)
Route 1, Box 73)
Abilene, KS 67410) MC ID No. 102480

TO:

Dave R. Williams, dba
Dave's Mobile Home Service
and Transporting
5836 S. Jones
Wichita, KS 67217

Applicant's Attorney: William Barker, 3401 S.W. Harrison, Topeka, KS 66611

Manufactured housing units (mobile homes, house trailers, pre-fab homes), transportation equipment, materials and supplies,

Between all points and places in the state of Kansas.

Application for Certificate of Convenience and Necessity:

Dwain Yearout, dba) Docket No. 150,953 M
 Yearout Trucking)
 Route 1, Box 5)
 South Haven, KS 67140)

Applicant's Attorney: Clyde Christey, Southwest Plaza Building, Suite 202, 3601 W. 29th, Topeka, KS 66614

Grain, dry feed, dry feed ingredients, dry fertilizer and seeds,

Between points and places in Sumner, Cowley, Elk, Sedgwick, Harper, Kingman, Reno, Barber, Pratt, Stafford, Saline, Butler, McPherson, Harvey, Shawnee and Wyandotte counties, Kansas.

Also,

Between points and places in the above described territory, on the one hand, and points and places in the state of Kansas, on the other hand.

Application for Extension of Certificate of Convenience and Necessity:

Nard, Inc.) Docket No. 127,207 M
 Route 1, Box 61)
 Buffalo, OK 73834) MC ID No. 104118

Applicant's Attorney: Larry Gregg, 3401 S.W. Harrison, Topeka, KS 66611

Seed, feed, fertilizer, livestock, grain and related products and farm products,

Between points in Morton, Stevens, Seward, Meade, Clark, Comanche, Barber, Grant, Haskell, Gray, Ford, Kiowa, Pratt, Finney, Hodgeman, Edwards and Pawnee counties, Kansas, on the one hand, and on the other, all points and places in Kansas.

Application for Certificate of Convenience and Necessity:

Kansas Missouri Silo Co.) Docket No. 149,849 M
 2240 Vail)
 Topeka, KS 66608)

Applicant's Attorney: None

General commodities (except classes A and B explosives, commodities in bulk, household goods and hazardous materials),

Between all points and places in the state of Kansas.

Application for Certificate of Convenience and Necessity:

Wayne A. Umschied, dba) Docket No. 150,954 M
 Umschied Truck Line)
 1030 Pierre)
 Manhattan, KS 66502)

Applicant's Attorney: Clyde Christey, Southwest Plaza Building, Suite 202, 3601 W. 29th, Topeka, KS 66614

Livestock, hay, grain, dry feed, dry feed ingredients, dry fertilizer, lumber, machinery, and contractors' equipment,

Between points and places in Wyandotte, Johnson, Republic, Washington, Marshall, Cloud, Clay, Riley, Pottawatomie, Jackson, Ottawa, Geary, Wabaunsee, Shawnee, Saline, Dickinson, Morris, Lyon, McPherson, Marion, Chase, Reno, Harvey, Sedgwick and Butler counties, Kansas.

Also,

Between points and places in the above described territory, on the one hand, and points and places in the state of Kansas, on the other hand.

Application for Extension of Certificate of Convenience and Necessity:

Ralph Klinge and) Docket No. 125,208 M
 Charles Taylor,)
 dba K & T Trucking)
 P.O. Box 821)
 Dodge City, KS 67801) MC ID No. 101808

Applicant's Attorney: None

Livestock, farm products, scrap iron and building materials,

Between points in Scott, Lane, Hamilton, Kearny, Finney, Hodgeman, Stanton, Grant, Haskell, Gray, Ford, Seward, Meade, Clark and Pawnee counties, Kansas, on the one hand, and all points and places in the state of Kansas, on the other.

Application set for July 17, 1986

Application for Extension of Certificate of Convenience and Necessity:

Kelly L. Maclaskey) Docket No. 58,509 M
 126 S. Gurdy)
 P.O. Box 222)
 El Dorado, KS 67042) MC ID No. 100581

Applicant's Attorney: Erle Francis, 714 Capitol Federal Building, Topeka, KS 66603

Crude oil, used in and for production, processing, treating, salvage, construction and lease road purposes, fresh water and salt water,

Between all points and places in the counties of Greeley, Wichita, Scott, Lane, Hamilton, Kearny, Finney, Stanton, Grant, Haskell, Gray, Ford, Morton, Stevens, Seward, Meade and Clark.

WILLIAM E. GREEN
 Administrator
 Transportation Division

Doc. No. 004341

State of Kansas

LEGISLATIVE ADMINISTRATIVE SERVICES**1986 INTERIM STUDY PROPOSALS
AND COMMITTEE ASSIGNMENTS****Special Committee on Communications,
Computers and Technology****Proposal No. 1—Funding and Interconnection
of Public Television and Radio**

Consider alternative approaches to funding public broadcasting and examine the possibilities of interconnecting public television and radio in Kansas.

Proposal No. 2—State Agency Data Bases

Review the use of, need for, and coordination of agency data bases.

**Proposal No. 3—Automated University Library
Operations**

Review the status of automated university library operations, including recommending improvements of coordination and the cost-benefits thereof.

**Proposal No. 4—State Agency Data Processing
Applications**

Review agency data processing applications, with particular focus on larger users of DISC.

Committee Members

Chairman: Senator Joe Harder

Vice Chairman: Representative Jayne Aylward

Senators

Ross Doyen

Paul Feleciano

Michael Johnston

Merrill Werts

Representatives

Nancy Brown

* George Dean

R. D. Miller

Gayle Mollenkamp

Sam Roper

* Designated minority member.

Principal Staff Contacts

Lynne Holt, Legislative Research 296-3181

Ramon Powers, Legislative Research 296-3181

Avis Swartzman, Revisor of Statutes 296-2321

Arden Ensley, (Proposal No. 2 & 4) Revisor of Statutes 296-2321

Special Committee on the Court System**Proposal No. 5—Court Systems**

Review various issues and recent studies which relate to the organization and financing of the Kansas court system, including the funding of local court costs; the caseload and distribution of district judges and the need for magistrate judges; the duties and responsibilities of administrative district judges; the staffing, caseload, and compensation of court services officers and nonjudicial personnel; the retirement systems for judges and nonjudicial personnel; the objectives of court unification and the status of financial data concerning district court operating expenditures;

and the desirability of state assumption of the remainder of district court operating expenditures.

Committee Members

Chairman: Senator Robert Frey

Vice Chairman: Representative Robert Wunsch

Senators

Gene Anderson

Gus Bogina

Robert Talkington

Joe Warren

Representatives

* Theo Cribbs

Harold Dyck

Martha Jenkins

Ivan Sand

Bill Wisdom

* Designated minority member.

Principal Staff Contacts

Russ Mills, Legislative Research 296-3181

Michael Heim, Legislative Research 296-3181

Jerry Donaldson, Legislative Research 296-3181

Alan Conroy, Legislative Research 296-3181

Mary Sue Hack, Revisor of Statutes 296-2321

**Special Committee on Energy
and Natural Resources****Proposal No. 6—Municipal Annexation of
Electric Service Territory**

In light of the moratorium (S.B. 740), study and make recommendations concerning the impact of municipal annexation on electric utilities serving existing certified territories and determine whether the moratorium should be continued.

Proposal No. 7—Mined Land Conservation and Reclamation Board and Promotion of Kansas Coal

Assess the effectiveness of the Mined Land Conservation and Reclamation Board and consider ways of promoting the use of Kansas coal.

**Proposal No. 8—Water Quality and the
State Water Plan**

Review the water quality section of the State Water Plan, particularly the water quality legislation that was proposed in the 1986 session.

Proposal No. 9—PCBs in Kansas

Review state and federal regulation of the transportation and disposal of Polychlorinated Biphenyls (PCBs).

Proposal No. 10—State Water Plan

Review State Water Plan legislation that was not enacted in the 1986 session and make recommendations, including proposed legislation needed to implement the State Water Plan.

Committee Members

Chairman: Senator Merrill Werts

Vice Chairman: Representative Ron Fox

Senators

Norma Daniels

Francis Gordon

Representatives

Ginger Barr

* LeRoy Fry

Phil Martin
Don Montgomery

Harold Guldner
Jack Lacey
Max Moomaw

* Designated minority member.

Principal Staff Contacts

Ramon Powers, Legislative Research 296-3181
Raney Gilliland, Legislative Research 296-3181
Don Hayward, Revisor of Statutes 296-2321

Special Committee on Federal and State Affairs

Proposal No. 11—Sale of Cemetery and Funeral Merchandise

Review all statutes regulating the sale of funeral services and merchandise and recommend any necessary changes to ensure protection of consumers and to provide an equitable, competitive environment for the industry.

Proposal No. 12—Zoning for Manufactured Housing

Review 1986 H.B. 2862 and determine the need for legislation to prohibit zoning ordinances that discriminate against manufactured housing.

Proposal No. 13—State Building Security

Examine and make recommendations for improvement of security, if necessary, for the Capitol Complex, Cedar Crest, armories and other state buildings.

Proposal No. 14—Implementing Legislation for Parimutuel Wagering and a State Lottery

Recommend legislation necessary to implement the provisions of the constitutional amendments legalizing parimutuel wagering or a state lottery if approved in the 1986 general election.

Proposal No. 15—Licensure to Carry Firearms

Review provisions of 1986 H.B. 2966 and make recommendations regarding the need for licensing of individuals who carry firearms.

Proposal No. 16—Recreation Commissions

Review statutes regulating recreation commissions and propose any needed revisions thereof.

Committee Members

Chairman: Senator Ed Reilly
Vice Chairman: Representative Robert H. Miller

Senators

Jim Allen
Gene Anderson
Roy Ehrlich
Audrey Langworthy
Phil Martin
Bill Morris
Jack Steineger
John Strick
Ben Vidricksen

Representatives

Elizabeth Baker
Larry Erne
Diane Gjerstad
J. C. Long
Clarence Love
Al Ramirez
Susan Roenbaugh
* Kathryn Sughrue
John Sutter
Bob Vancrum

* Designated minority member.

Principal Staff Contacts

Mary Galligan, Legislative Research 296-3181
Myrta Anderson, Legislative Research 296-3181
Theresa Kiernan, Revisor of Statutes 296-2321
Mary Ann Torrence, (Proposal No. 14)
Revisor of Statutes 296-2321

Special Committee on Judiciary

Proposal No. 17—Division of Assets

Study the issue of spousal division of assets for the purpose of determining eligibility for medical assistance.

Proposal No. 18—Diversion Programs

Evaluate the workability of diversion programs, including a review of the Legislative Post Audit Committee performance audit of diversion programs.

Proposal No. 19—Dispositional Alternatives

Explore the possibility of instituting fines as an additional dispositional alternative under the Juvenile Offenders Code.

Proposal No. 20—Children's Task Force

Review and determine the merits of those unenacted recommendations of the 1985 Attorney General's Task Force on Missing and Exploited Children, with emphasis on the problem of runaway children as well as the procedures utilized in instances of alleged child abuse.

Committee Members

Chairman: Representative Dale Sprague
Vice Chairman: Senator Jeanne Hoferer

Senators

Roy Ehrlich
* Nancy Parrish
John Strick
Wint Winter, Jr.

Representatives

Edwin Bideau
Richard Harper
Mary Jane Johnson
Joan Wagnon
Thomas Walker

* Designated minority member.

Principal Staff Contacts

Jerry Donaldson, Legislative Research 296-3181
Mike Heim, Legislative Research 296-3181
Mary Torrence, Revisor of Statutes 296-2321

Special Committee on Legislative Apportionment

Proposal No. 21—Legislative Apportionment

Consider the desirability of re-establishing a state census for use in reapportionment or amending the state constitution to change the date of required reapportionments to permit the use of federal census data for state legislative reapportionment, and requiring voting precinct boundaries to be drawn using visible geographic features as would have been mandated by 1986 H.B. 3010.

(continued)

Committee Members

Chairman: Representative Keith Roe
Vice Chairman: Senator Eric Yost

Senators

Neil Arasmith
Bud Burke
Jim Francisco
* Richard Gannon
Michael Johnston
Fred Kerr
Don Montgomery
Alicia Salisbury
Jack Steineger
Dan Thiessen

Representatives

Joan Adam
Jayne Aylward
Gary Blumenthal
Bill Bunten
Kent Campbell
Burt DeBaun
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Legislative Budget Committee**Proposal No. 22—State General Fund**

Monitor State General Fund receipts, expenditures, and balances and other developments relative to the financial condition of the General Fund.

Committee Members

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Vice Chairman: Representative Bill Bunten

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Legislative Educational Planning Committee**Proposal No. 23—Postsecondary Education Planning**

Conduct studies and projects related to public and private postsecondary education, including consideration of current legislative issues, coordination of

postsecondary education planning, and oversight of ongoing data collection projects.

Committee Members

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Vice Chairman: Representative Denise Apt

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Special Committee on Public Health and Welfare**Proposal No. 24—Access to Health Care for the Medically Indigent**

Attempt to determine the extent to which Kansas has a medically indigent population; consider the impact on such persons of change in federal and state programs and third party payor reimbursement; review the initiatives developed by other states to assure access to health care for the medically indigent; consider ways of assuring access for those who are unable to pay for necessary medical care through insurance, savings or public programs, including the role of the state's "medical only" program in indigent care; and coordinate study under Proposal No. 24 with the Statewide Health Coordinating Council (SHCC) study on Access to Health Care.

Proposal No. 25—Residential Facilities for the Handicapped, Elderly, and Mentally Ill and Functionally Disabled

Review the current state regulatory programs that affect residential facilities for the handicapped, elderly and mentally ill; determine whether there are gaps in the state regulatory role or overlapping regulatory jurisdictions; and consider ways to reduce the waiting lists for community facilities for the mentally retarded.

Proposal No. 26—Organ Transplant Programs

Study the state's policy of reimbursing for organ transplants through the Medical Assistance Program, consider whether the state should regulate the number and type of transplant programs, review the system used to determine which potential transplant patients receive available donor organs, and consider the need for legislation concerning the sale of or profiting from organ transplant procedures.

Proposal No. 27—Homeless and Indigent Services

Determine whether there is a significant homeless population in Kansas; consider the location of any such population, the programs available to serve them, and the causes leading to homelessness; also review

and make recommendations regarding any gaps in publicly funded services for the homeless and other indigents.

Committee Members

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 Vice Chairman: Representative Marvin Littlejohn

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Joe Norvell	* Jesse Branson
Ben Vidricksen	Frank Buehler
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Special Committee on Financing of Regents' Institutions

Proposal No. 28—Financing Regents' Institutions

Review financing for institutions under the jurisdiction of the State Board of Regents, including the financing structure of those institutions; procedures for budgeting and appropriating to the institutions; procedures for adjusting operating budgets, including enrollment adjustments; and the financial impact of durational residency requirements.

Committee Members

Chairman: Representative Rochelle Chronister
 Vice Chairman: Senator Joe Harder

Senators	Representatives
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Special Committee on Tort Reform and Liability Insurance

Proposal No. 29—Tort Reform and Liability Insurance

Review and make recommendations concerning the tort and insurance liability systems in Kansas, including but not limited to consideration of: liability insurance problems affecting a broad range of professions and occupational groups (including those mentioned in 1986 S.B. 540, as well as foster, child care, and handicapped facilities, truckers, manufacturers and other businesses); liability insurance problems and the issue of governmental immunity in regard to the

state and its municipalities; activities of other states and jurisdictions to address these problems; and the impact, if any, of tort reform and insurance reform measures on the availability and affordability of liability insurance.

Committee Members

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* Paul Feleciano	Ken Grotewiel
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Special Committee on Transportation

Proposal No. 30—Selection of Highway Improvement Projects

Study of the methods and formulas used by the Kansas Department of Transportation in determining the priority of highway improvement projects.

Proposal No. 31—Vehicle Dealer Bonding Requirements

Review the desirability of imposing a surety bond requirement on dealers of new and used vehicles.

Proposal No. 32—Permanent Registration of County and City Owned Vehicles

Determine whether permanent registration should be provided for certain motor vehicles, trailers, and semitrailers owned by counties and cities or their agencies or instrumentalities.

Proposal No. 33—Reflectorized Sheeting for License Plates and Road Signs and Two License Tag Requirements

Review of the type of reflectorized sheeting used on license plates and state road signs and the procedures used in determining which materials are selected and the cost-effectiveness thereof; also, evaluate the merits of requiring the display of license plates on the front and rear of vehicles.

Proposal No. 34—Mid-States Port Authority Powers

Study the statutory provisions applicable to the Mid-States Port Authority relating to acquisition and disposition of property.

(continued)

Committee Members

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Special Committee on Ways and Means**Proposal No. 35—Historic Properties Program**

Review the historic properties program, including analysis of the desirability of retaining existing sites; the procedure and the desirability of obtaining new sites; the process for maintaining, preserving, and restoring sites; and the mechanism for funding both the acquisition and restoration of properties—including a study of funding mechanisms used in other states and the possibility of enhanced federal, local or private funding sources.

Proposal No. 36—Kansas Highway Patrol

Study issues concerning the Kansas Highway Patrol, including man-power allocation, salary range adjustments for ranks within the Patrol's career ladder and for security and patrol officer positions within the Capitol Area Security Patrol, and construction of a new Highway Patrol training center to replace the current facility.

Proposal No. 37—Educational Services at Schools for the Deaf and Visually Handicapped

Explore alternative options for financing educational services at the School for the Deaf and the School for the Visually Handicapped.

Proposal No. 38—Retirement Issues

Review the existing and possible adjustments to the early retirement options for Kansas Public Employees Retirement System (KPERs) members, including work restrictions; review the adequacy and equity of death and disability benefits for members of the Kansas Police and Fire Retirement System (KP&F) and KPERs-Correctional; and assess the potential fiscal impact on the state and local units of government concerning any changes in KPERs or KP&F.

Proposal No. 39—Capital Improvements for State Parks and Local Tourist Attractions

Review the level of capital improvement spending for the state park system to determine the correlation

between such expenditures and visitation, examine the local and statewide fiscal impact of tourism expenditures, and determine the possible public benefits of state assistance for development and promotion of locally supported tourist attractions.

Proposal No. 40—Board of Healing Arts

Review the structure, operation, and financing of the Board of Healing Arts.

Proposal No. 41—Extension Programs

Review extension programs and their financing at the county and state levels, including an assessment of the possibilities for utilization of extension offices in economic development initiatives.

Committee Members

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Task Forces to be named later.

WILLIAM R. BACHMAN
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Doc. No. 004338

State of Kansas

**DEPARTMENT OF HEALTH
AND ENVIRONMENT**

**TEMPORARY ADMINISTRATIVE
REGULATIONS**

(Effective May 1, 1986. Expire May 1, 1987.)

**Article 16.—WATER POLLUTION
CONTROL**

28-16-28c. General provisions. (a) Antidegradation.

(1) Levels of water quality necessary to protect existing and designated uses shall be maintained in surface waters of the state.

(2) If existing surface water quality is better than applicable water quality criteria established in these regulations, water quality shall not be lowered unless it has been determined, in accordance with procedures in K.A.R. 28-16-28f(c)(3), that the change is justified as a result of important social and economic development.

(3)(A) Existing water quality shall not be lowered by artificial sources in "outstanding natural resource waters of unique significance" listed in Table 1 of this regulation.

(continued)

(B) Except as provided in K.A.R. 28-16-28f(c)(3), no degradation of water quality by artificial sources shall be allowed that would result in harmful effects on populations of any threatened or endangered species of aquatic life or wildlife in a critical habitat as defined in the endangered species act of 1973 (PL 93-205) as amended, or in K.S.A. 32-501 through 510 and K.A.R. 23-17-1 and K.A.R. 23-17-2.

(C) Temporary sources of pollution complying with the provisions of K.A.R. 28-16-28c(d), and producing only ephemeral water quality degradation not harmful to existing and designated uses, may be allowed.

(4) Implementation of these antidegradation provisions for thermal discharges shall be consistent with Section 316 of the Clean Water Act.

(b) Mixing zones.

(1) The water quality criteria listed below shall apply beyond the mixing zone for each individual discharge, except that concentrations within the mixing zone area shall be maintained below acute toxicity levels for any parameter or combination of parameters. The total area, or volume, or both, of a receiving surface water which is assigned to mixing zones shall be limited to that which will:

(A) not interfere with biological communities or populations of important species to a degree which is damaging to the ecosystem; and

(B) not disproportionately diminish other beneficial uses.

(2) Zones of passage shall be provided wherever mixing zones are allowed. Such zones shall be continuous water routes of the volume, area, and quality necessary to allow passage of free-swimming and drifting organisms with no harmful effects on their populations.

(3) In streams where the ratio of stream flow to discharge is greater than 3:1 (flow:discharge), mixing zones shall be limited to no more than $\frac{1}{4}$ of the cross-sectional area, or volume of the stream, or both, leaving at least $\frac{3}{4}$ free as a zone of passage.

(4) In streams in which the ratio of stream flow to discharge is equal to or less than 3:1 (flow:discharge), mixing zones shall be established on a case-by-case basis. More stringent treatment technology may be required, when necessary, to protect the designated uses of the surface water segment and to otherwise meet the requirements of these regulations.

(c) Special conditions. The following special conditions shall not remove the obligation to design, build, or use the required or recommended pollution control structures or methods to control point and nonpoint sources of pollution as defined in K.A.R. 28-16-28b(28), (30), and (31).

(1) Low flow. Classified surface waters shall be excluded from the application of K.A.R. 28-16-28e(c) when the receiving stream flow is less than the greater of the 7-day, 10-year low flow, or 1.0 cfs. The low flow exclusion shall also include consideration of the minimum desirable stream flow established pursuant to K.S.A. 82a-703(a).

(2) High flow. Classified surface waters shall be excluded from application of the numeric criteria for fecal coliform bacteria in K.A.R. 28-16-28e(c) when

stream flow exceeds 50% of the estimated two-year flood flow as determined by the department.

(3) Natural pollution. The criteria in K.A.R. 28-16-28d and K.A.R. 28-16-28e shall not apply to surface waters when the criteria for protection of designated uses are exceeded due to natural sources of pollution. Users of waters with natural pollution who subsequently discharge such water back to the same waters shall not be required to treat the effluent to pollutant concentrations below concentrations present at the point of diversion. However, such dischargers shall be required to meet treatment requirements of K.A.R. 28-16-28c(d).

(4) Effluent-created flows. When continuous stream flow is created primarily through the discharge of treated effluent, the discharger shall not be required to provide treatment beyond that required in K.A.R. 28-16-28c(d), except that any such discharge shall not result in public health hazards or nuisance conditions, or violations of any general criteria listed in K.A.R. 28-16-28e(b)(1), and shall not result in violations of criteria in K.A.R. 28-16-28e in the next downstream classified surface water segment.

(d) Treatment requirements.

(1) All discharge of effluent shall receive appropriate minimum levels of treatment as required by the Clean Water Act.

(2) Application of a higher treatment technology on any treated effluent discharge, above that which is necessary to meet the applicable water quality criteria in the receiving water, may be required when the department determines that this treatment is necessary to protect the public health or existing instream water uses or otherwise achieve the purpose of these regulations.

(3) When the department finds that nonpoint sources cause or may cause a violation of these regulations, suitable pollution control measures shall be required.

(4) When application of the treatment requirements in K.A.R. 28-16-28c(d)(1) and (3) are insufficient to meet water quality criteria in K.A.R. 28-16-28e in a particular surface water segment, the segment shall be classified as "water quality limited" pursuant to K.A.R. 28-16-28f(f).

(e) Analytical testing. All methods of sample collection, preservation, and analysis used in applying any of these rules and regulations shall be in accordance with those prescribed by the department. (Authorized by K.S.A. 65-171d; implementing K.S.A. 1984 Supp. 65-165 and 65-171d; effective May 1, 1986; amended, T-87-8, May 1, 1986.)

Table 1. Surface waters contained in the following areas shall be classified as outstanding natural resource waters:

- (1) Cheyenne Bottoms Wildlife Area (Barton County; Little Arkansas River Basin);
- (2) Cimarron National Grassland (Morton County; Cimarron River Basin);

- (3) Flint Hills National Wildlife Refuge (Coffey and Lyon counties; Neosho River Basin);
- (4) Kirwin National Wildlife Refuge (Phillips County; Solomon River Basin); and
- (5) Quivera National Wildlife Refuge (Stafford County; Lower Arkansas River Basin).

28-16-28d. Surface water use designation and classification. (a) Designated uses of surface waters are defined as follows:

(1) "Agricultural water supply use" means the use of surface water for agricultural purposes including:

- (A) "Irrigation," which means the withdrawal of surface water for application onto land; and
- (B) "Livestock watering," which means the provision of water to livestock for consumption.

(2) "Aquatic life use" means the use of surface water for the maintenance of the ecological integrity of native aquatic communities, including the maintenance and propagation of indigenous species of aquatic life and indigenous or migratory semi-aquatic life or wildlife that depend on the surface waters or its biota for survival and well-being.

(A) "Special aquatic life use waters" means surface waters containing unique combinations of habitat types and biota not found commonly in the State or that contain representative populations of threatened or endangered species.

(B) "Expected aquatic life use waters" means surface waters containing habitat types and biota commonly found or expected in the area.

(C) "Restricted aquatic life use waters" means surface waters containing biota limited in abundance or diversity by the physical quality of the habitat compared to more suitable habitats in adjacent waters. These waters are limited by lack of habitat due to natural deficiencies or artificial modifications including channelization and loss of riparian vegetation.

(3) "Domestic water supply use" means the use of surface water after appropriate treatment, by public or private water supplies, to produce potable water.

(4) "Groundwater recharge use" means the use of treated or untreated effluent for groundwater aquifer recharge, including accidental or incidental recharge as a means of disposal of sewage.

(5) "Industrial water supply use" means the use of surface water for non-consumptive purposes by industry, including withdrawals for cooling or process water.

(6) "Recreation use" means the use of surface water for contact recreation, noncontact recreation, and consumptive recreation as defined below.

(A) "Contact recreation use" means recreation where the body may come into direct contact with water to the point that ingestion is possible. This use includes swimming, skin diving, and water skiing. This subcategory of use shall be in effect from May 1 to October 31 of each year.

(B) "Noncontact recreation use" means recreation

where ingestion of water is not probable. This includes wading, boating, fishing and hunting.

(C) "Consumptive recreation use" means recreation resulting in the human consumption of species of aquatic life and semi-aquatic or terrestrial wildlife that depend on the surface water or its organisms for survival and well-being.

(b) Surface water classification. Surface waters shall be classified as follows:

(1) Classified lakes shall be all impoundments (lakes or reservoirs) owned by federal, state, county or municipal authorities and all privately owned impoundments where facilities for public recreation are provided and maintained, including impoundments created by artificial dams or quarries and natural waterbodies formed in depressions of internal drainages regardless of ownership. Impoundments (lakes or reservoirs) exempted by K.S.A. 65-171d shall not be classified lakes.

(2) Classified wetlands shall be areas of shallow standing water that exist for most of the growing season of most years, that are capable of supporting emergent aquatic vegetation, and that are listed in Table 2 of this regulation.

(3) Classified streams and rivers shall be streams and rivers with mean summer base flows of greater than 0.1 cfs including:

- (A) springs that discharge into streams;
- (B) alluvial aquifers; and
- (C) riparian wetlands.

Regardless of flow, the stream shall be classified if it is listed in Table 3 or if pooling during periods of zero stream flow provides important refuges of aquatic life for downstream segments or recolonization of the dried segment.

(c) Assignment of uses to surface waters. All classified waters as defined in K.A.R. 28-16-28d(b) shall be designated for all uses defined in K.A.R. 28-16-28d(a) except as indicated in this subsection:

(1) Classified streams shall be designated for contact recreation only when that use currently exists as listed in Table 3 of this regulation.

(2) Classified lakes shall be designated for contact recreation only when facilities are provided and maintained for body contact uses.

(3) Classified wetlands and riparian wetlands shall be designated for only noncontact recreation, consumptive recreation, and aquatic life uses.

(4) Classified streams shall be designated for the special aquatic life use only when listed in Table 3 of this regulation.

(5) Classified streams shall be designated for restricted aquatic life use by the department on a case-by-case basis. (Authorized by K.S.A. 65-171d; implementing K.S.A. 1984 Supp. 65-165 and 65-171d; effective May 1, 1986; amended, T-87-8, May 1, 1986.)

Table 2. A list of classified wetlands.

- (1) Cheyenne Bottoms Wildlife Area;
- (2) Jamestown Wildlife Area;
- (3) Marais des Cygnes Wildlife Area;
- (4) Neosho Wildlife Area;
- (5) Quivera National Waterfowl Refuge; and
- (6) Texas Lakes Wildlife Area.

(continued)

Table 3. List of Classified streams by basin. Contact recreation sites given as single locations are assumed to exist 100 yards upstream and downstream of the given point. Indented stream names are tributary to the streams listed above them. The "+" symbol indicates a use is provided in addition to uses indicated above for the same named stream.

	NAME	LOCATION DESCRIPTION	CONTACT RECREATION	NONCONTACT RECREATION	CONSUMPTIVE RECREATION	SPECIAL AQUATIC LIFE	EXPECTED AQUATIC LIFE	RESTRICTED AQUATIC LIFE	DOMESTIC WATER SUPPLY	AGRICULTURAL—IRRIGATION	AGRICULTURAL—LIVESTOCK	INDUSTRIAL WATER SUPPLY	GROUNDWATER RECHARGE
UPPER ARKANSAS RIVER BASIN	ARKANSAS R	Colorado State line to Walnut Cr in Barton Co.		X	X		X		X	X	X	X	X
	+ ARKANSAS R	10 mi. S of Offerle to 6 mi. N of Lewis (Edwards Co.)	X										
	+ ARKANSAS R	S of Great Bend at US-281 bridge (Barton Co.)	X										
	PAWNEE R	all points		X	X		X		X	X	X	X	X
	WALNUT CR	all points		X	X		X		X	X	X	X	X
	+ WALNUT CR	N of Great Bend at US-281 bridge (Barton Co.)	X										
LOWER ARKANSAS RIVER BASIN	ARKANSAS R	from Walnut Cr in Barton Co. to Oklahoma State line		X	X		X		X	X	X	X	X
	+ ARKANSAS R	W of Arkansas City at K-166 bridge (Cowley Co.)	X										
	+ ARKANSAS R	0.25 mi. W of Derby on county road (Sedgwick Co.)	X										
	+ ARKANSAS R	3.5 mi. N of Haven on county road (Reno Co.)	X										
	+ ARKANSAS R	in Wichita (Sedgwick Co.)	X										
	NINNESCAH R	all points		X	X		X		X	X	X	X	X
	+ NINNESCAH R	1 mi. S of Belle Plaine (Sumner Co.)	X										
	N FK NINNESCAH R	all points		X	X		X		X	X	X	X	X
	+ N FK NINNESCAH R	2 mi. S of Sylvia to 6 mi. SE of Cheney (Reno/Sedgwick Co.)	X										
	S FK NINNESCAH R	Kingman and Sedgwick Co.		X	X		X		X	X	X	X	X
	S FK NINNESCAH R	Pratt Co.		X	X	X			X	X	X	X	X
	+ S FK NINNESCAH R	E of Pratt near US-281 bridge	X										
	SPRING CR	all points and all primary tributaries in Bayneville Area		X	X		X		X	X	X	X	X
	COWSKIN CR	all points and all primary tributaries		X	X		X		X	X	X	X	X
	ALL PRIM. TRIB. TO ARK R AND VALLEY FLOODWAY	Sedgwick Co.		X	X		X		X	X	X	X	X
	RATTLESNAKE CR	Ford/Kiowa/Pratt/Reno Co.		X	X		X		X	X	X	X	X
	RATTLESNAKE CR	Stafford Co.		X	X	X			X	X	X	X	X
	+ RATTLESNAKE CR	10 mi. N of Brenham to 3 mi. NW of Hopewell (Kiowa/Edwards Co.)	X										
	COW CR	all points		X	X		X		X	X	X	X	X
	GROUSE CR	all points		X	X	X			X	X	X	X	X
CHIKASKIA R	Pratt/Kingman/Harper Co.		X	X		X		X	X	X	X	X	
CHIKASKIA R	Sumner Co.		X	X	X			X	X	X	X	X	
+ CHIKASKIA R	below the dam at Drury (Sumner Co.)	X											
SALT FK ARKANSAS R	all points		X	X		X		X	X	X	X	X	
MEDICINE LODGE R	all points		X	X	X			X	X	X	X	X	

Table 3. Continued

	NAME	LOCATION DESCRIPTION	CONTACT RECREATION	NONCONTACT RECREATION	CONSUMPTIVE RECREATION	SPECIAL AQUATIC LIFE	EXPECTED AQUATIC LIFE	RESTRICTED AQUATIC LIFE	DOMESTIC WATER SUPPLY	AGRICULTURAL—IRRIGATION	AGRICULTURAL—LIVESTOCK	INDUSTRIAL WATER SUPPLY	GROUNDWATER RECHARGE
LITTLE ARKANSAS RIVER BASIN	LITTLE ARKANSAS R	all points	X	X		X		X	X	X	X	X	X
	CHISHOLM CR	all points and all primary tributaries	X	X		X		X	X	X	X	X	X
CIMARRON RIVER BASIN	CIMMARON R	all points	X	X		X		X	X	X	X	X	X
	N FK CIMMARON R	all points	X	X		X		X	X	X	X	X	X
	CAVALRY CR	all points	X	X	X			X	X	X	X	X	X
	CROOKED CR	all points	X	X		X		X	X	X	X	X	X
UPPER REPUBLICAN RIVER BASIN	S FK REPUBLICAN R	all points	X	X	X			X	X	X	X	X	X
	ARIKAREE R	all points	X	X		X		X	X	X	X	X	X
	SAPPA CR	all points	X	X		X		X	X	X	X	X	X
	BEAVER CR	all points	X	X		X		X	X	X	X	X	X
	PRAIRIE DOG CR	all points	X	X		X		X	X	X	X	X	X
LOWER REPUBLICAN RIVER BASIN	REPUBLICAN R	all points	X	X		X		X	X	X	X	X	X
	+ REPUBLICAN R	Clay Center at K-15 bridge (Clay Co.)	X										
	+ REPUBLICAN R	Clay Center at US-24 bridge (Clay Co.)	X										
	+ REPUBLICAN R	N of Concordia at US-81 bridge (Cloud Co.)	X										
SOLOMON RIVER BASIN	SOLOMON R	all points	X	X		X		X	X	X	X	X	X
	+ SOLOMON R	0.5 mi. S of Beloit on K-14 bridge (Mitchell Co.)	X										
	N FK SOLOMON R	all points	X	X		X		X	X	X	X	X	X
	S FK SOLOMON R	all points	X	X		X		X	X	X	X	X	X
SALINE RIVER BASIN	SALINE R	all points	X	X		X		X	X	X	X	X	X
	+ SALINE R	Trego/Gove Co. line to Wilson Res. (Trego/Ellis/Rooks/Russell Co.)	X										
SMOKY HILL RIVER BASIN	SMOKY HILL R	all points	X	X		X		X	X	X	X	X	X
	+ SMOKY HILL R	N of Enterprise at K-43 bridge (Dickinson Co.)	X										
	+ SMOKY HILL R	Lindsborg to Marquette along K-4 (McPherson Co.)	X										
	+ SMOKY HILL R	SE Salina (Saline)	X										
	+ SMOKY HILL R	Trego/Ellis/Russell Co.	X										
	BIG CR	all points	X	X		X		X	X	X	X	X	X
	CHAPMAN CR	all points	X	X		X		X	X	X	X	X	X
	LYON CR	Dickinson/Geary Co.	X	X	X			X	X	X	X	X	X
	LADDER CR	Wichita/Scott/Logan Co.	X	X	X			X	X	X	X	X	X
	HACKBERRY CR	3 mi. W of Gove to Gove/Trego Co. line (Gove Co.)	X										

(continued)

Table 3. Continued

NAME		LOCATION DESCRIPTION	CONTACT RECREATION	NONCONTACT RECREATION	CONSUMPTIVE RECREATION	SPECIAL AQUATIC LIFE	EXPECTED AQUATIC LIFE	RESTRICTED AQUATIC LIFE	DOMESTIC WATER SUPPLY	AGRICULTURAL—IRRIGATION	AGRICULTURAL—LIVESTOCK	INDUSTRIAL WATER SUPPLY	GROUNDWATER RECHARGE
BIG BLUE RIVER BASIN	BIG BLUE R	all points		X	X		X	X	X	X	X	X	X
	+ BIG BLUE R	N of Manhattan at Rocky Ford (Pottawatomie Co.)	X										
	BLACK VERMILLION R	all points		X	X		X	X	X	X	X	X	X
	LITTLE BLUE R	all points		X	X		X	X	X	X	X	X	X
KANSAS RIVER BASIN	KANSAS R	all points		X	X		X	X	X	X	X	X	X
	+ KANSAS R	Bonner Springs to Edwardsville (Wyandotte Co.)	X										
	+ KANSAS R	1 mi. N of DeSoto (Johnson Co.)	X										
	+ KANSAS R	N of Eudora at county road bridge (Douglas Co.)	X										
	+ KANSAS R	N of Lawrence at US-59 bridge (Douglas Co.)	X										
	+ KANSAS R	1 mi. N of Lecompton at county road bridge (Douglas Co.)	X										
	+ KANSAS R	S of Manhattan at K-177 bridge (Riley Co.)	X										
	+ KANSAS R	2 mi. S of Maple Hill to Willard (Wabaunsee Co.)	X										
	+ KANSAS R	N of Topeka at US-75 bridge (Shawnee Co.)	X										
	+ KANSAS R	S of Wamego at K-99 bridge (Pottawatomie Co.)	X										
	BUCK CR	all points		X	X	X		X	X	X	X	X	X
	+ BUCK CR	W of McLouth to Kansas R (Jefferson Co.)	X										
	CAPTAIN CR	all points		X	X		X	X	X	X	X	X	X
	+ CAPTAIN CR	S of Eudora (Douglas Co.)	X										
	CEDAR CR	all points (Johnson Co.)		X	X		X	X	X	X	X	X	X
	CAMP CR	all points		X	X		X	X	X	X	X	X	X
	LITTLE CEDAR CR	all points		X	X		X	X	X	X	X	X	X
	CROSS CR	S of Delia (Jackson Co.)	X										
	CROSS CR	0.5 mi. S of Rossville	X										
	DEEP CR	all points		X	X	X		X	X	X	X	X	X
	+ DEEP CR	SE of Manhattan at Pillsbury Crossing (Riley Co.)	X										
	DELAWARE R	all points		X	X		X	X	X	X	X	X	X
	E MISSION CR	all points		X	X		X	X	X	X	X	X	X
	HALFDAY CR	all points		X	X		X	X	X	X	X	X	X
	INDIAN CR	all points		X	X		X	X	X	X	X	X	X
	KAW CR	all points		X	X		X	X	X	X	X	X	X
	KILL CR	all points		X	X		X	X	X	X	X	X	X
	HANSON CR	all points		X	X		X	X	X	X	X	X	X
LITTLE TURKEY CR	all points		X	X		X	X	X	X	X	X	X	
MATOON CR	all points		X	X		X	X	X	X	X	X	X	
MILL CR	all points (Wabaunsee Co.)		X	X	X		X	X	X	X	X	X	
+ MILL CR	S of Maple Hill (Wabaunsee Co.)	X											

Table 3. Continued

NAME	LOCATION DESCRIPTION	CONTACT RECREATION	NONCONTACT RECREATION	CONSUMPTIVE RECREATION	SPECIAL AQUATIC LIFE	EXPECTED AQUATIC LIFE	RESTRICTED AQUATIC LIFE	DOMESTIC WATER SUPPLY	AGRICULTURAL—IRRIGATION	AGRICULTURAL—LIVESTOCK	INDUSTRIAL WATER SUPPLY	GROUNDWATER RECHARGE
KANSAS RIVER BASIN—Continued	E BR MILL CR	all points (Wabausee Co.)	X	X	X			X	X	X	X	X
	ILLINOIS CR	all points (Wabausee Co.)	X	X	X			X	X	X	X	X
	MILL CR	all points (Johnson Co.)	X	X		X		X	X	X	X	X
	+ MILL CR	near Zarah near 87th St. bridge and K-10 (Johnson Co.)	X									
	CLEAR CR	all points	X	X		X		X	X	X	X	X
	LITTLE MILL CR	all points	X	X		X		X	X	X	X	X
	MILL CR	all points (Wyandotte Co.)	X	X		X		X	X	X	X	X
	MISSION CR	all points	X	X		X		X	X	X	X	X
	MUNCIE CR	all points	X	X		X		X	X	X	X	X
	BRENNER HEIGHTS CR	all points	X	X		X		X	X	X	X	X
	SHUNGANUNGA CR	all points	X	X		X		X	X	X	X	X
	SOLDIER CR	all points	X	X		X		X	X	X	X	X
	+ SOLDIER CR	0.5 mi. S of Grove (Shawnee Co.)	X									
	+ SOLDIER CR	2.5 mi. S of Soldier (Jackson Co.)	X									
	+ SOLDIER CR	0.5 mi. N of Topeka at Meriden Road (Shawnee Co.)	X									
	STINSON CR	all points	X	X		X		X	X	X	X	X
	STRANGER CR	all points	X	X		X		X	X	X	X	X
	TECUMSEH CR	all points	X	X		X		X	X	X	X	X
	TOOLEY CR	all points	X	X		X		X	X	X	X	X
	TURKEY CR	all points	X	X		X		X	X	X	X	X
	VERMILLION CR	all points	X	X		X		X	X	X	X	X
	W MISSION CR	all points	X	X		X		X	X	X	X	X
	WAKARUSA R	all points	X	X		X		X	X	X	X	X
	+ WAKARUSA R	5 mi. N of Carbondale at S Topeka Ave. bridge (Shawnee Co.)	X									
	+ WAKARUSA R	3 mi. E of Clinton to 2 mi. W of Eudora (Douglas Co.)	X									
	+ WAKARUSA R	N of Richland at Paulen Road bridge (Shawnee Co.)	X									
	DEER CR	0.5 mi. SE of Stull (Douglas Co.)	X									
	ROCK CR	4 mi. SW of Clinton at county road bridge (Douglas Co.)	X									
	WILDCAT CR	all points	X	X		X		X	X	X	X	X
	WOLF CR	all points (Wyandotte Co.)	X	X		X		X	X	X	X	X
+ WOLF CR	W of Bonner Springs at K-32 bridge (Wyandotte Co.)	X										
MISSOURI RIVER BASIN	MISSOURI R	all points	X	X		X		X	X	X	X	X
	CONNER CR	all points	X	X		X		X	X	X	X	X
	MARSHALL CR	all points	X	X		X		X	X	X	X	X
	NEARMAN CR	all points	X	X		X		X	X	X	X	X
	S FK NEMAHA R	all points	X	X		X		X	X	X	X	X

(continued)

Table 3. Continued

	NAME	LOCATION DESCRIPTION	CONTACT RECREATION	NONCONTACT RECREATION	CONSUMPTIVE RECREATION	SPECIAL AQUATIC LIFE	EXPECTED AQUATIC LIFE	RESTRICTED AQUATIC LIFE	DOMESTIC WATER SUPPLY	AGRICULTURAL—IRRIGATION	AGRICULTURAL—LIVESTOCK	INDUSTRIAL WATER SUPPLY	GROUNDWATER RECHARGE
MISSOURI RIVER BASIN—Continued	WOLF R	all points	X	X		X			X	X	X	X	X
	EDDY CR	all points	X	X		X			X	X	X	X	X
	HONEY CR	all points	X	X		X			X	X	X	X	X
	ISLAND CR	all points	X	X		X			X	X	X	X	X
	JERSEY CR	all points	X	X		X			X	X	X	X	X
	BIC BLUE R	all points	X	X		X			X	X	X	X	X
	INDIAN CR	all points	X	X		X			X	X	X	X	X
	DYKE'S BR	all points	X	X		X			X	X	X	X	X
	JANE'S BR	all points	X	X		X			X	X	X	X	X
	TOMAHAWK CR	all points	X	X		X			X	X	X	X	X
	WOLF CR	all points	X	X		X			X	X	X	X	X
	COFFEE CR	all points	X	X		X			X	X	X	X	X
	BRUSH CR	all points	X	X		X			X	X	X	X	X
	CAMP CR	all points	X	X		X			X	X	X	X	X
NEGRO CR	all points	X	X		X			X	X	X	X	X	
MARAIS DES CYGNES RIVER BASIN	MARAIS DES CYGNES R	Wabaunsee/Lyon/Osage/Franklin Co.	X	X		X			X	X	X	X	X
	MARAIS DES CYGNES R	Franklin/Miami Co. line to Missouri State line (Miami/Linn Co.)	X	X	X				X	X	X	X	X
	+ MARAIS DES CYGNES R	Miami/Linn Co. line to Missouri State line (Linn Co.)	X										
	+ MARAIS DES CYGNES R	N of Ottawa at US-59 bridge (Franklin Co.)	X										
	BIG BULL CR	all points	X	X		X			X	X	X	X	X
	MARTIN CR	all points	X	X		X			X	X	X	X	X
	TEN MILE CR	all points	X	X		X			X	X	X	X	X
	SWEETWATER CR	all points	X	X		X			X	X	X	X	X
	LITTLE BULL CR	all points	X	X		X			X	X	X	X	X
	SPRING CR	all points	X	X		X			X	X	X	X	X
	DRAGOON CR	all points	X	X		X			X	X	X	X	X
	HUNDRED AND TEN MILE CR	all points	X	X		X			X	X	X	X	X
	MASSEY CR	all points	X	X		X			X	X	X	X	X
	LITTLE OSAGE R	all points	X	X	X				X	X	X	X	X
+ LITTLE OSAGE R	Allen/Bourbon Co. line to Missouri State line (Bourbon Co.)	X											
MARMATON R	all points	X	X		X			X	X	X	X	X	
NEOSHO RIVER BASIN	NEOSHO R	headwaters to Council Grove Res (Morris Co.)	X	X		X			X	X	X	X	X
	NEOSHO R	all counties below Council Grove Res.	X	X	X				X	X	X	X	X
	+ NEOSHO R	Burlington, at City Park (Coffey Co.)	X										
	+ NEOSHO R	0.25 mi. west of Neosho Rapids at county road bridge (Lyon Co.)	X										

Table 3. Continued

		NAME	LOCATION DESCRIPTION	CONTACT RECREATION	NONCONTACT RECREATION	CONSUMPTIVE RECREATION	SPECIAL AQUATIC LIFE	EXPECTED AQUATIC LIFE	RESTRICTED AQUATIC LIFE	DOMESTIC WATER SUPPLY	AGRICULTURAL—IRRIGATION	AGRICULTURAL—LIVESTOCK	INDUSTRIAL WATER SUPPLY	GROUNDWATER RECHARGE
NEOSHO RIVER BASIN—Continued		+ NEOSHO R	6 mi. north of Chanute to Labette Co. line (Neosho Co.)	X										
		+ NEOSHO R	east of Chetopa at US-166 bridge (Labette Co.)	X										
		+ NEOSHO R	from Iola to Humboldt (Allen Co.)	X										
		COTTONWOOD R	Marion Co.		X	X		X		X	X	X	X	X
		COTTONWOOD R	Chase and Lyon Co.		X	X	X			X	X	X	X	X
		+ COTTONWOOD R	near Emporia at US-57/K-99 bridge (Lyon Co.)	X										
		CEDAR CR	all points		X	X	X			X	X	X	X	X
		+ CEDAR CR	Wonsevu to Cedar Point (Chase Co.)	X										
		DIAMOND CR	all points		X	X	X			X	X	X	X	X
		S FK COTTONWOOD R	all points		X	X	X			X	X	X	X	X
		SPRING R	all points		X	X	X			X	X	X	X	X
		+ SPRING R	east of Baxter Springs at US-166 bridge (Cherokee Co.)	X										
	SHOAL CR	all points		X	X	X			X	X	X	X	X	
	+ SHOAL CR	0.5 mi. south of Galena near US-26 bridge (Cherokee Co.)	X											
VERDIGRIS RIVER BASIN		VERDIGRIS R	Greenwood Co.		X	X		X		X	X	X	X	X
		VERDIGRIS R	Wilson/Montgomery Co.		X	X	X			X	X	X	X	X
		+ VERDIGRIS R	0.5 mi. southeast of Coffeyville (Montgomery Co.)	X										
		+ VERDIGRIS R	1 mi. east of Coffeyville near K-166 bridge (Montgomery Co.)	X										
		ELK R	all points		X	X		X		X	X	X	X	X
		FALL R	all points		X	X	X			X	X	X	X	X
		BIG HILL CR	all points		X	X		X		X	X	X	X	X
		CANEY CR	all points		X	X		X		X	X	X	X	X
	CANEY R	all points		X	X	X			X	X	X	X	X	
WALNUT RIVER BASIN		WALNUT R	Butler Co.		X	X		X		X	X	X	X	X
		WALNUT R	Cowley Co.		X	X	X			X	X	X	X	X
		+ WALNUT R	near Arkansas City at US-166 bridge (Cowley Co.)	X										
		+ WALNUT R	near El Dorado at US-54 bridge (Butler Co.)	X										
		FOURMILE CR	all points		X	X		X		X	X	X	X	X
		+ FOURMILE CR	at Sedgwick/Butler Co. line (Butler Co.)	X										
		ALL PRIM. TRIB.	all points		X	X		X		X	X	X	X	X
	WHITEWATER R	all points		X	X		X		X	X	X	X	X	

(continued)

28-16-28e. Water quality criteria for water protection. (a) Criteria development guidance. The development of surface water quality criteria for substances not listed in these standards shall be guided by water quality criteria published by the environmental protection agency, including the primary and secondary drinking water regulations found at 40 CFR 141 promulgated pursuant to PL 93-523, the safe drinking water act, and the ambient water quality criteria promulgated pursuant to Section 304(a) of PL 92-500 (the Clean Water Act). When the department finds the criteria listed herein are underprotective or overprotective for a given surface water segment, the department may in accordance with K.A.R. 28-16-28f(g) develop and apply appropriate site-specific criteria using bioassessment methods and procedures or other related scientific data.

(b) General criteria for surface waters.

(1) All surface waters shall be free, at all times, from the harmful effects of substances that originate from artificial sources and that produce any public health hazards or nuisance conditions, or impairment of uses.

(A) The harmful effects may result from:

- (i) color producing substances;
- (ii) heat or acidic or caustic substances;
- (iii) visible oil and grease and dissolved or emulsified grease concentrations;
- (iv) deposits of solids, either organic or inorganic; floating debris; scum; and other floating materials attributable to municipal, industrial, or other waste disposal practices;

(v) Taste and odor-producing substances that interfere with the production of potable water by reasonable water treatment processes, or impart unpalatable flavor to fish, or result in noticeable offensive odors in the vicinity of the water;

(vi) Any concentration of a substance that causes toxic effects, alone or in combination with other artificial or natural substances. Such substances shall be limited to concentrations in the receiving water that will not be harmful to human, animal, or plant life.

(B) Turbidity. There shall be no increase, of other than natural origin, in the turbidity of waters of the state, that will cause substantial visible contrast with the natural appearance of the water.

(2) General criteria for all classified waters.

(A) Nutrients. Artificial sources of nutrients shall not be detrimental to the designated uses.

(B) pH. Artificial sources shall not cause the pH of surface waters to be below 6.5 nor above 8.5.

(C) Temperature. Artificial sources shall not elevate the temperature of the receiving water above 90°F. Heat of artificial origin shall not be added to a stream in excess of the amount that will raise the temperature of the water more than 5°F above natural conditions. The epilimnion of lakes shall not be raised more than 3°F above that temperature which existed before the addition of heat of artificial origin. The normal daily and seasonal temperature variations before the addition of heat due to other than natural causes shall be maintained. Occasional, natural thermal conditions may exceed the maximum allowable temperature requirements.

(c) Criteria for specific designated uses.

(1) Agricultural water supply use.

(A) Irrigation. The water quality criteria for irrigation set forth in Table 4 shall not be exceeded.

(B) Livestock watering. The water quality criteria for livestock watering set forth in Table 4 shall not be exceeded. In the absence of specific livestock watering criteria, domestic water supply criteria or other available information on livestock requirements shall be used.

(2) Aquatic life use.

(A) Dissolved oxygen. The concentration of dissolved oxygen shall not be lowered below 5.0 mg/l by the influence of artificial sources.

(B) Nutrients. The discharge of concentrations or loadings of plant nutrients into surface waters from artificial sources shall be controlled to prevent water quality degradation that accelerates the natural succession or replacement of biota, or which produces undesirable quantities or kinds of aquatic life.

(C) Suspended solids. Concentrations of suspended solids in surface waters by artificial sources shall not interfere with the behavior, reproduction, physical habitat, or other factors related to the survival and propagation of aquatic life, semi-aquatic life and wildlife.

(D) Total residual chlorine. There shall be no detectable concentrations of total residual chlorine in surface waters as detected by method 408C (Amperometric) or 408D (DPD-FAS), which are hereby adopted by reference, and are found in the 16th edition of "Standard Methods for the Examination of Water and Wastewater" (American Public Health Association, 1985).

(E) Toxic substances.

(i) The concentrations of substances found in Table 4 and 5 shall not be exceeded at any time.

(ii) The waters of the state shall not be toxic as a result of the effects of substances originating from artificial sources, whether alone or in combination with other artificial or natural substances.

(iii) Criteria for the protection of predators, in terms of toxic levels in fish, published in "Water Quality Criteria" (National Academy of Sciences, National Academy of Engineering, 1973), which is hereby adopted by reference, shall be used as guidelines in assessing toxicity due to bioaccumulation.

(iv) When criteria for single compounds have not been published or are incomplete, or when complex mixtures can result in interactions among substances, the department shall utilize laboratory and field bioassessment methods and procedures to establish site-specific water quality criteria.

(F) Un-ionized Ammonia. Artificial sources shall not cause the un-ionized ammonia concentrations of surface waters to exceed 0.07 mg/l as $\text{NH}_3\text{-N}$.

(3) Domestic water supply use. The criteria for the domestic water supply use shall apply at the point of domestic water supply diversion.

(A) The concentrations of substances in Table 4 shall not be exceeded. For pollutants not listed in Table 4, surface water quality shall be such that

drinking water standards for finished drinking water in K.A.R. 28-15-13 will not be violated.

(B) Any concentration of a substance from artificial sources that, alone or in combination with other artificial or natural substances, causes toxic effects on humans shall be limited to non-harmful concentrations. Such substances include those known to be carcinogenic, mutagenic, or teratogenic.

(C) Concentrations of carcinogenic substances shall be limited to levels that do not exceed a 0.000001 risk level (10^{-6}).

(4) Groundwater recharge use. Water quality criteria for groundwater recharge shall be the criteria in paragraph (3) of this subsection for domestic water supply use. If background concentrations of substances inherent to the recharged aquifer are present and result from natural sources, water quality, at a minimum, shall be such that further degradation does not occur.

(5) Industrial water supply use. Water quality criteria for industrial water supplies shall be determined on a case-by-case basis.

(6) Recreation use.

(A) General. The discharge of concentrations or loadings of plant nutrients from artificial sources shall be controlled to prevent water quality degradation. Such degradation shall include objectionable algal

densities or algal byproducts, and nuisance growths of submersed, floating, or emergent aquatic vegetation.

(B) Contact recreation. The fecal coliform content due to artificial sources shall not exceed a geometric mean of 200 per 100 ml sample. The calculation shall be based on not less than five samples taken during separate 24-hour periods over not more than a 30-day period. No more than 10 percent of total samples taken during any 30-day period shall exceed 400 per 100 ml sample.

(C) Noncontact recreation. The fecal coliform content due to artificial sources shall not exceed 2,000 per 100 ml sample.

(D) Consumptive recreation. Substances that can bioaccumulate through bioconcentration or biomagnification to toxic levels in aquatic life, semi-aquatic life or wildlife consumed by humans shall be limited in surface waters to concentrations that will result in no harm to humans upon consumption. FDA action levels defined in K.A.R. 28-16-28b(b)(19) for toxic substances in fish flesh, which are hereby adopted by reference, shall be used as guidelines to determine protection of this use.

(d) Multiple uses. When more than one use and associated criteria applies to an individual classified surface water segment, the most stringent criteria shall be applied. (Authorized by K.S.A. 65-171d; implementing K.S.A. 1984 Supp. 65-165 and 65-171d; effective May 1, 1986; amended, T-87-8, May 1, 1986.)

Table 4. Numeric criteria for contact and non-contact recreation, aquatic life, domestic water supply, and irrigation and livestock agricultural uses. Dashes mean criteria are not available or applicable.

Constituent	(Units)	Contact Recreation	Aquatic Life	Domestic Water Supply	Agricultural	
					Irrigation	Livestock
Bacteriological						
Maximum Fecal Coliform	Text	400(C)	—	—	—	—
Average Fecal Coliform	Text	200(C)	—	—	—	—
General Chemical/Physical						
Ammonia (un-ionized, as N)	mg/l	—	Text	—	—	—
boron	mg/l	—	—	—	0.75(C)	5(B)
chloride	mg/l	—	—	250.0(A2)	—	—
dissolved oxygen	mg/l	—	Text	—	—	—
fluoride	mg/l	—	—	1.8(A1)	1(B)	2(B)
nitrate (as N)	mg/l	—	—	10.0(A1)	—	100(B)
sulfate	mg/l	—	—	250.0(A2)	—	—
total dissolved solids	mg/l	—	—	500(A2)	—	—
total residual chlorine	mg/l	—	Text	—	—	—
Metals						
arsenic	mg/l	—	—	—	0.1(C)	0.2(B)
barium	mg/l	—	—	—	—	—
cadmium	mg/l	—	—	—	0.05(B)	0.01(B)
chromium(VI)	mg/l	—	—	—	0.1(B)	1.0(B)
copper	mg/l	—	—	—	0.2(B)	0.5(B)
lead	mg/l	—	—	—	5.0(B)	0.1(B)
nickel	mg/l	—	Table 2	—	—	—
selenium	mg/l	—	0.035(D)	—	0.2(B)	—
silver	mg/l	—	0.00012(D)	—	0.2(B)	0.05(B)
zinc	mg/l	—	0.047(D)	—	2.0(B)	25.0(B)

(continued)

Table 4. Continued.

Pesticides and PCBs							
Aldrin	µg/l	—	0.003(D1)	—	—	—	—
Chlordane	µg/l	—	0.0043(D)	—	—	—	—
DDT	µg/l	—	0.001(D)	—	—	—	—
Dieldrin	µg/l	—	0.0019(D)	—	—	—	—
endosulfan	µg/l	—	0.056(D)	—	—	—	—
endrin	µg/l	—	0.0023(D)	—	—	—	—
heptachlor	µg/l	—	0.0038(D)	—	—	—	—
lindane	µg/l	—	0.08(D)	—	—	—	—
methoxychlor	µg/l	—	0.03(D)	—	—	—	—
parathion	µg/l	—	0.04(D)	—	—	—	—
PCBs	µg/l	—	0.014(D)	—	—	—	—
toxaphene	µg/l	—	0.013(D)	—	—	—	—
Radiological							
Gross Alpha particles including radium-226, but not radon or uranium	pCi/l	—	—	15(A)	—	—	—
combined radium 226 and 228	pCi/l	—	—	5(A)	—	—	—
Strontium 90	pCi/l	—	—	8(A)	—	—	—
Tritium	pCi/l	—	—	20000(A)	—	—	—
Gross Beta radioactivity	pCi/l	—	—	50(A)	—	—	—

(A1) National Interim Primary Drinking Water Regulations (U.S.E.P.A., 1976).

(A2) National Secondary Drinking Water Regulations (U.S.E.P.A., 1979).

(B) Water Quality Criteria (U.S.E.P.A., 1974; "Blue Book").

(C) Quality Criteria for Water (U.S.E.P.A., 1976; "Red Book").

(D) EPA Ambient Water Quality Criteria (FRL 1623-3, 28 Nov. 80).

(D1) Same as B, but value based on acute limits multiplied by a safety factor of 0.001.

NOTE: Some of these criteria may be below analytical detection limits. In those cases, compliance with the criteria may be determined by measurements of artificial sources and extrapolation after considering the effects of stream flow.

Table 5. Numeric Criteria that vary with hardness for Aquatic Life. Criteria Modified from EPA Ambient Water Quality Criteria (FRL 1623-3 28 Nov. 80).

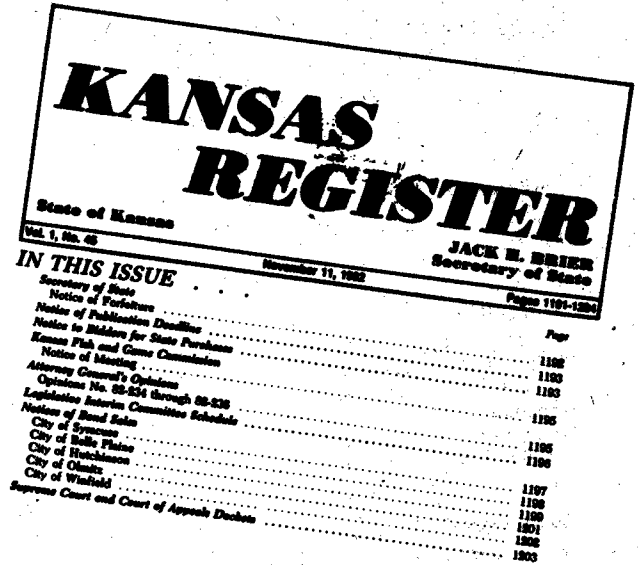
Constituent (mg/l)	Hardness Range (mg/l CaCO ₃)			
	<150	150-250	251-400	>400
nickel	0.056	0.130	0.192	0.324

BARBARA J. SABOL
Secretary of Health
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