



Kansas Register

Ron Thornburgh, Secretary of State

Vol. 22, No. 30 July 24, 2003 Pages 1283-1338

In this issue . . .	Page
Legislative interim committee schedule	1284
Board of Emergency Medical Services	
Notice of meetings	1285
Statewide Independent Living Council	
Notice of hearing	1285
Department of Wildlife and Parks	
Public notice.....	1285
Department of Administration—Division of Facilities Management	
Notice of commencement of negotiations for engineering services	1285
State Conservation Commission	
Notice to contractors	1286
Real Estate Appraisal Board	
Notice of hearing on proposed administrative regulations	1286
Kansas Insurance Department	
Notice of hearing on proposed administrative regulations	1286
Notice of changes in pharmacy networks	1287
Kansas Department of Transportation	
Request for comments on the Statewide Transportation Improvement Program	1287
Notice to contractors	1288
Behavioral Sciences Regulatory Board	
Notice of hearing on proposed administrative regulations	1289
Kansas Housing Resources Corporation	
Notice of hearing on proposed administrative regulations	1289
Department of Administration—Division of Purchases	
Notice to bidders for state purchases	1290
Kansas Dental Board	
Notice of hearing on proposed administrative regulations	1290
Department of Health and Environment	
Requests for comments on proposed air quality permits.....	1291, 1292
Notice concerning Kansas water pollution control permits.....	1293
Notice of Bond Sale	
City of Inman	1296
City of Arkansas City	1297
U.S.D. 232, Johnson County.....	1298
Sedgwick County.....	1299
State Employees Health Care Commission	
Notice of meeting.....	1298
Secretary of State	
Executive appointments	1299
Pooled Money Investment Board	
Notice of investment rates.....	1302
Permanent Administrative Regulations	
Social and Rehabilitation Services	1300
Behavioral Sciences Regulatory Board	1302
Department of Health and Environment	1304
Temporary Administrative Regulations	
Board of Barbering	1304
Index to administrative regulations	1331

State of Kansas

Legislature

Interim Committee Schedule

The following committee meetings have been scheduled from July 30-August 8. Requests for accommodation to participate in committee meetings should be made at least two working days in advance of the meeting by contacting Legislative Administrative Services at (785) 296-2391 or TTY (785) 296-8430. When available, agendas can be found at <http://kslegislature.org/klrd>.

Date	Room	Time	Committee	Agenda
July 30	514-S	9:00 a.m.	Long-Term Care Services Task Force	Workforce issues in long-term care.
August 7	123-S	10:00 a.m.	Joint Committee on Building	7th: Agency presentations on five-year capital improvement plans, discussion on establishing statewide tuckpointing crews, and review of proposals to create a plan to repair and rehab. state-owned buildings and Regents institutions.
August 8	123-S	9:00 a.m.	Construction	8th: Review and tour of Topeka State Hospital campus.

Jeff Russell
Director of Legislative
Administrative Services

Doc. No. 029631

The KANSAS REGISTER (USPS 0662-190) is an official publication of the State of Kansas, published by authority of K.S.A. 75-430. The Kansas Register is published weekly by the Kansas Secretary of State, 1st Floor, Memorial Hall, 120 S.W. 10th Ave., Topeka, KS 66612-1594. One-year subscriptions are \$80 (Kansas residents must include \$5.76 state and local sales tax). Single copies may be purchased, if available, for \$2 each. **Periodicals postage paid at Topeka, KS.**

POSTMASTER: Send change of address form to Kansas Register, Secretary of State, 1st Floor, Memorial Hall, 120 S.W. 10th Ave., Topeka, KS 66612-1594.

© Kansas Secretary of State 2003. Reproduction of this publication in its entirety or for commercial purposes is prohibited without prior permission. Official enactments of the Kansas Legislature and proposed and adopted administrative regulations of state agencies may be reproduced in any form without permission.

PUBLISHED BY
Ron Thornburgh
Secretary of State
1st Floor, Memorial Hall
120 S.W. 10th Ave.
Topeka, KS 66612-1594
(785) 296-4564
www.kssos.org



Register Office:
1st Floor, Memorial Hall
(785) 296-3489
Fax (785) 368-8024
kansasregister@kssos.org

State of Kansas

Board of Emergency Medical Services

Notice of Meetings

The Board of Emergency Medical Services will meet at 9 a.m. Friday, August 1, in the Centennial Room of the Pozez Education Center, Stormont-Vail Regional Health Center, 1500 S.W. 10th Ave., Topeka. Committee meetings will begin at 10 a.m. Thursday, July 31.

Agenda items include updates on the office, committee reports, Rural AED Grant Project, Kansas Rural Health Options Grant, Advisory Committee on Trauma, Pediatric Symposium and EMSC, and Lawrence/Douglas County Fire and EMS Bicycle/Helmet Safety Day.

All meetings of the board are open to the public. For more information, contact the administrator at Room 1031, Landon State Office Building, 900 S.W. Jackson, Topeka, 66612, (785) 296-6237.

David Lake
Administrator

Doc. No. 029613

State of Kansas

Statewide Independent Living Council

Notice of Hearing

The Statewide Independent Living Council of Kansas (SILCK), in association with the Kansas Department of Social and Rehabilitation Services, is seeking public input on the development of its next three-year State Plan for Independent Living (SPIL). A public hearing is scheduled from 3:30 to 5:30 p.m. Wednesday, August 6, at the Capitol Plaza Hotel, 1717 S.W. Topeka Blvd., Topeka.

Suggested topics for discussion can include objectives to be achieved under the SPIL, outreach to unserved and underserved populations and minority groups, extent and scope of independent living services, and the maintenance and growth of a statewide network of centers for independent living. The hearing is open to the public and will be held in an accessible location. Materials will be available in alternate formats.

For further information, contact SILCK at (785) 234-6990 (Voice and TTY) or 800-217-4525 (toll free). For interested persons unable to attend, written comments may be submitted before September 15 to: SILCK, 700 S.W. Jackson, Suite 212, Topeka, 66603, fax (785) 234-6651, or e-mail shanoz@aol.com.

SILCK is a consumer-controlled, nonprofit corporation that supports centers for independent living in Kansas; examines programs and policies to determine what changes, modifications and innovations may be necessary to remove barriers faced by people with disabilities; and makes recommendations for such changes so that independent living and economic self sufficiency is possible for all Kansans.

Shannon Jones
Executive Director

Doc. No. 029612

State of Kansas

Department of Wildlife and Parks

Public Notice

The Kansas Department of Wildlife and Parks is proposing to purchase a tract of land in Pratt County. The parcel consists of 320 acres in the E/2 of S9-T27S-R15W and 320 acres in the E/2 of S16-T27S-R15W. The purchase would be funded in part from Federal Aid in Wildlife Restoration funds, CFDA #15.611. This tract would become part of the Pratt Sandhills Wildlife Area and remain on the county tax rolls.

Written comments concerning the proposed purchase may be sent to the Kansas Department of Wildlife and Parks, Attn: Land Acquisition, 512 S.E. 25th Ave., Pratt, 67124. The comment period will close August 8.

J. Michael Hayden
Secretary of Wildlife and Parks

Doc. No. 029616

State of Kansas

Department of Administration
Division of Facilities ManagementNotice of Commencement of
Negotiations for Engineering Services

Notice is hereby given of the commencement of negotiations for on-call mechanical-electrical-plumbing and civil engineering services for the Department of Wildlife and Parks. Surveying and construction administration services also are required. The contract will be for one year, renewable for two additional one-year periods.

For information concerning the scope of services, contact Michael Wilson, chief engineer, (785) 296-2281.

If interested, an original and six copies (seven total) of the SF 255 form (plus relevant attachments of information regarding similar projects) should be submitted. **In addition to the seven submitted copies, an optional CD with your proposal in PDF format would be appreciated.** These submittals should be concise, relevant to the project and follow the State Building Advisory Commission guidelines for submittal. Copies of the guidelines have previously been distributed to firms; if copies of the guidelines are required, contact **Phyllis Fast, Division of Facilities Management, Room 152, Landon State Office Building, 900 S.W. Jackson, Topeka, 66612, (785) 296-5796.** Submittals not complying with the guidelines will be returned without consideration. **Please include an e-mail address in proposal.**

Expressions of interest and the SF 255 submittals should be received by Phyllis Fast before 5 p.m. August 8.

Stuart D. Leighty
Director, Division of
Facilities Management

Doc. No. 029618

State of Kansas

Kansas Insurance Department

Notice of Hearing on Proposed Administrative Regulations

A public hearing will be conducted at 10 a.m. Wednesday, September 24, in the third floor conference room, Kansas Insurance Department, 420 S.W. 9th, Topeka, to consider the adoption of proposed changes in an existing rule and regulation.

This 60-day notice of the public hearing shall constitute a public comment period for purpose of receiving written public comments on the proposed rule and regulation. All interested parties may submit written comments prior to the hearing to Deletria Nash, Kansas Insurance Department, 420 S.W. 9th, Topeka, 66612-1678. All interested parties will be given a reasonable opportunity to present their views orally on the adoption of the proposed regulation during the hearing.

Any individual with a disability may request accommodation in order to participate in the public hearing and may request the proposed regulation and economic impact statement in an accessible format. Requests for accommodation should be made at least five working days in advance of the hearing by contacting Deletria Nash at (785) 296-7811.

A copy of the proposed regulation and economic impact statement may be obtained by contacting Deletria Nash. A summary of the regulation and its economic impact follows:

K.A.R. 40-3-48. Insurance companies; managing general agents; definitions; requirements; penalties. This regulation governs the criteria for managing general agents to write business in Kansas. The primary changes to the regulation are financial in nature. It specifically changes the amount of premiums written in order for a person to be a managing general agent in Kansas. It also changes the amount managing general agents need for fidelity bonds and errors and omissions policies.

The other change is to require all insurers writing business in Kansas to file with the Kansas Insurance Department a list of names and addresses of all managing general agents that the insurer has a contract and the name of an officer responsible for the contract by March 1 of each year.

There is little fiscal impact as a result of these changes. Managing general agents currently are required to maintain fidelity bonds and errors and omissions policies. The requirement to file a list of all managing general agents would not be significant.

Sandy Praeger
Kansas Insurance Commissioner

Doc. No. 029611

State of Kansas

State Conservation Commission

Notice to Contractors

Sealed bids for the construction of a 14,000 cubic yard detention dam, Site 109 in Lyon County, will be received by the Eagle Creek Watershed District No. 77 at the Ople State Bank Building conference room, P.O. Box 207, Olpe, 66865, until 10 a.m. August 13 and then opened at 10:05 a.m. A copy of the invitation for bids and plans and specifications can be obtained or reviewed at the Eagle Creek Watershed district office, c/o Olpe State Bank, (620) 475-3213.

Tracy D. Streeter
Executive Director

Doc. No. 029634

State of Kansas

Real Estate Appraisal Board

Notice of Hearing on Proposed Administrative Regulations

A public hearing will be conducted at 10 a.m. Friday, October 3, in the lower level conference room at 1100 S.W. Wanamaker Road, Topeka, to consider the adoption of proposed amendments to K.A.R. 117-5-2.

This 60-day notice of the public hearing shall constitute a public comment period for the purpose of receiving written public comments on the proposed regulation. All interested parties may submit written comments prior to the hearing to the Kansas Real Estate Appraisal Board, 1100 S.W. Wanamaker Road, Suite 104, Topeka, 66604. All interested parties will be given a reasonable opportunity to present their views orally on the adoption of the proposed regulation during the hearing. In order to give all parties an opportunity to present their views, it may be necessary to request each participant to limit any oral presentation to five minutes.

Any individual with a disability may request accommodation in order to participate in the public hearing and my request the proposed regulation and economic impact statement in an accessible format. Requests for accommodation should be made at least five working days in advance of the hearing by contacting Sally Pritchett at (785) 271-3373.

The proposed regulation amendments are for adoption on a permanent basis. A summary of the proposed amendments to the regulation and the economic impact follows:

117-5-2. Provisional classification; supervised experience requirements. This regulation is being amended to more clearly define "good standing" as it applies to supervisor appraisers. There will be no economic impact to the appraisers, state agencies or the public.

Copies of the regulation and its economic impact statement may be obtained by contacting the Kansas Real Estate Appraisal Board.

Sally Pritchett
Executive Director

Doc. No. 029638

State of Kansas

Department of Transportation

Request for Comments

The Kansas Department of Transportation requests comments on the amendment of the Statewide Transportation Improvement Program (STIP) for fiscal years 2003-2005 by adding the following project:

Project K-8291-04—Statewide KDOT Work Zone Safety Public Awareness Campaign for work zone enforcement

The amendment of the STIP requires a 30-day public comment period. To receive more information on any of these projects or to make comments on the STIP amendment, contact the Kansas Department of Transportation, Office of Engineering Support, 7th Floor, Docking State Office Building, 915 S.W. Harrison, Topeka, 66612-1568, (785) 296-7916, fax (785) 296-0723.

To obtain an alternative format, contact the KDOT Bureau of Transportation Information, (785) 296-3585 (Voice/TTY).

The comment period regarding the STIP amendment will conclude August 25.

Deb Miller
Secretary of Transportation

Doc. No. 029637

State of Kansas

Kansas Insurance Commissioner

Notice of Changes in Pharmacy Networks

Pursuant to K.S.A. 40-2,153, the Kansas Commissioner of Insurance is publishing notice that a change has occurred in the following pharmacy networks in the State of Kansas:

Coventry Healthcare Pharmacy Network has notified the Insurance Department of the following additions to its pharmacy network:

Pharmacy Name	City	Effective Date
Dana's RX Shoppe	Sedan	06/01/2003

Humana, Inc., Pharmacy Network has notified the department of the following additions to its pharmacy network:

Pharmacy Name	City	Effective Date
Target Pharmacy #T-1487	Mission	10/01/2002
Self Service Drug	Hutchinson	10/02/2002
Osco Drug #5198	Overland Park	10/03/2002
Round Corner Drug, Inc.	Lawrence	10/15/2002
Sam's Club Pharmacy	Salina	10/21/2002
Food 4 Less Pharmacy	Wichita	11/26/2002
Eckerd Drugs #3951	Olathe	01/24/2003
Walgreens #07147	Wichita	01/24/2003
Walgreens #06112	Olathe	01/31/2003
Medigap Pharmacy	Concordia	02/06/2003
Target Pharmacy #T-1543	Olathe	02/15/2003
Arma Drug	Arma	03/18/2003

CIGNA/CGLIC Pharmacy Network has notified the department of the following additions to its pharmacy network:

Pharmacy Name	City	Effective Date
Medicap Pharmacy #101	Concordia	01/01/2003
Cardinal Drug	Chanute	01/02/2003
Walgreen Drug Store #07147	Wichita	01/24/2003
Crossroads Pharmacy	Belleville	01/30/2003
Walgreen Drug Store #06112	Olathe	01/31/2003
Eckerd Drug #3653	Overland Park	02/15/2003
Eckerd Drug #3951	Olathe	02/15/2003
Eckerd Drug #8106	Prairie Village	02/15/2003
Eckerd Drug #8162	Overland Park	02/15/2003
Eckerd Drug #8165	Lenexa	02/15/2003
Eckerd Drug #8167	Shawnee	02/15/2003
Eckerd Drug #8170	Leavenworth	02/15/2003
Eckerd Drug #8180	Kansas City	02/15/2003
Eckerd Drug #8181	Overland Park	02/15/2003
Eckerd Drug #8683	Olathe	02/15/2003
Target #T-1543	Olathe	02/15/2003
Mercy Health Center Pharmacy	Fort Scott	04/02/2003

United HealthCare of the Midwest, Inc., Pharmacy Network has notified the department of the following additions to its pharmacy network:

Pharmacy Name	City	Effective Date
Dana's RX Shoppe	Sedan	Not Available
Dillon's Pharmacy #56	Wichita	Not Available
Dillon's Pharmacy #78	Shawnee	Not Available
Dunne's Pharmacy	Manhattan	Not Available
El-Kan Drug, Inc.	Liberal	Not Available
Harmon Drug	Sedan	Not Available
Heartland Homecare SVC's	Lawrence	Not Available
Medical Arts Pharmacy	Topeka	Not Available
Medicap Pharmacy #101	Concordia	Not Available
Price Chopper Pharmacy #500	Leawood	Not Available
Sam's Pharmacy #10-6426	Salina	Not Available
St. Joseph Family Pharmacy	Wichita	Not Available
Target #T-1487	Mission	Not Available
Walgreens #06920	Overland Park	Not Available
Walgreens #07060	Manhattan	Not Available
Walgreens #07148	Hutchinson	Not Available
Walgreens #07152	Newton	Not Available
Wesley O/P Pharmacy Dept #713	Wichita	Not Available

United HealthCare of the Midwest, Inc., Pharmacy Network also has notified the department of the following terminations from its pharmacy network:

Pharmacy Name	City	Effective Date
Albertsons #2213 Pharmacy	Wichita	Not Available
Albertsons #2250 Pharmacy	Wichita	Not Available
Albertsons #8214 Pharmacy	Wichita	Not Available
Altamont Pharmacy	Altamont	Not Available
Doug's Healthmart Pharmacy	Rossville	Not Available
Dr Rhodes	Kansas City	Not Available
Medicap Pharmacy #0101	Concordia	Not Available
Pill Box Pharmacy	Chanute	Not Available
Pill Box Pharmacy	Chanute	Not Available
St. Mary's Healthmart	St. Mary's	Not Available
Wiley's Apothecary	St. Francis	Not Available

Any questions should be directed to Deletria Nash at the Kansas Insurance Department, (785) 296-3071.

Sandy Praeger
Kansas Insurance Commissioner

Doc. No. 029621

State of Kansas

Department of Transportation

Notice to Contractors

Sealed proposals for the construction of road and bridge work in the following Kansas counties will be received at the Bureau of Construction and Maintenance, KDOT, Topeka, or at the Capitol Plaza Hotel, Topeka, until 2 p.m. August 20 and then publicly opened:

District One — Northeast

Brown—75-7 K-5766-01 — U.S. 75 from the east junction of U.S. 36, north to 1 mile north of Sabetha, 7.5 miles, grading, bridge and surfacing. (Federal Funds)

Douglas—23 C-3688-01 — County route 215 from the junction of county route 1372 north to Lecompton, 3.5 miles, grading and surfacing. (Federal Funds)

Johnson—435-46 K-9442-01 — 95th Street over I-435, bridge repair. (State Funds)

Lyon—56 C-3924-01 — County road 4.4 miles east of Emporia over Coon Creek, 0.2 mile, grading, bridge and surfacing. (Federal Funds)

Lyon—130-56 K-9142-01 — K-130, Plum Creek bridge, 3.3 miles south of the junction of I-35, bridge repair. (State Funds)

Lyon—56 C-3925-01 — County road 4.6 miles east of Emporia over Badger Creek, 0.2 mile, grading, bridge and surfacing. (Federal Funds)

Pottawatomie—99-75 K-6421-01 — K-99 Rock Creek and Rock Creek drainage bridge, bridge replacement. (Federal Funds)

Wyandotte—70-105 K-9443-01 — I-70, two locations on eastbound I-70, approximately 0.3 mile east of Central Avenue, storm sewer repair. (State Funds)

Wyandotte—70-105 K-9445-01 — Interstate 70 from 118th Street west 1.1 miles, overlay. (State Funds)

Wyandotte—70-105 K-9446-01 — K-7 ramps at I-70 and concrete portion of I-70 mainline, 0.7 mile, overlay. (State Funds)

District Two — Northcentral

Clay—24-14 K-9146-01 — U.S. 24 North Branch Five Creek, 7.2 miles east of the Clay-Cloud county line, bridge overlay. (State Funds)

Dickinson—70-21 K-9149-01 — Interstate 70 bridges over Chapman Creek, 0.3 mile east of the junction of K-206, bridge overlay. (State Funds)

Dickinson—21 C-3686-01 — County road 1 mile east of Enterprise, 0.2 mile, grading, bridge and surfacing. (Federal Funds)

Dickinson—21 C-3782-01 — County road 3 miles east of Enterprise, 0.2 mile, grading, bridge and surfacing. (Federal Funds)

Saline—85 K-7998-01 — The junction of Schilling Road and Centennial Road west to Arnold Avenue and from the junction of Schilling Road and Centennial Road south to Jumper Road in Salina, pavement reconstruction. (State Funds)

District Four - Southeast

Bourbon—54-6 K-7396-02 — U.S. 54 at the north junction of U.S. 69 in the city of Fort Scott, lighting. (State Funds)

Miami—61 K-7999-01 — Webster Street from the south city limits to South Street in Spring Hill, 0.5 mile, grading and surfacing. (State Funds)

District Five — Southcentral

Comanche—17 C-3842-01 — County road 0.3 mile north and 5.6 miles east of Protection, 0.2 mile, grading and bridge. (Federal Funds)

Harper—39 C-3623-01 — County road 4.7 miles north of Attica, then north 4 miles, surfacing. (Federal Funds)

Rice—80 C-3906-01 — County road 5 miles southeast of Frederick, 0.2 mile, grading and bridge. (Federal Funds)

District Six — Southwest

Ford—29 C-3571-01 — County road 5 miles south and 8 miles east of Spearville, then east, 0.1 mile, grading, bridge and surfacing. (Federal Funds)

Grant—34 C-3787-01 — County road 7 miles east and 11 miles south of Ulysses, 0.1 mile, grading and bridge. (Federal Funds)

Proposals will be issued upon request to all prospective bidders who have been prequalified by the Kansas Department of Transportation 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 because of race, age, religion, color, sex, handicap or national origin in the award of contracts.

Each bidder shall file a sworn statement executed by or on behalf of the person, firm, association or corporation submitting the bid, certifying that such person, firm, association or corporation has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the submitted bid.

This sworn statement shall be in the form of an affidavit executed and sworn to by the bidder before a person who is authorized by the laws of the state to administer oaths. The required form of affidavit will be provided by the state to each prospective bidder. Failure to submit the sworn statement as part of the bid approval package will make the bid nonresponsive and not eligible for award consideration.

Plans and specifications for the projects may be examined at the office of the respective county clerk or at the KDOT district office responsible for the work.

Deb Miller
Secretary of Transportation

Doc. No. 029627

State of Kansas

Behavioral Sciences Regulatory Board**Notice of Hearing on Proposed
Administrative Regulations**

The Behavioral Sciences Regulatory Board will conduct a public hearing from 9 to 11 a.m. Wednesday, September 24, in the board conference room at 712 S. Kansas Ave., Topeka, to consider the adoption of proposed amendments to one existing regulation and the adoption of six new regulations for psychology, social work, professional counseling, master's level psychology, and marriage and family therapy.

This 60-day notice of the public hearing constitutes a public comment period for the purpose of receiving written public comments on the proposed regulations. All interested parties may submit written comments prior to the hearing to Phyllis Gilmore, Executive Director, Behavioral Sciences Regulatory Board, 712 S. Kansas Ave., Topeka, 66603-3817. All interested parties will be given a reasonable opportunity to present their views orally at the hearing. In order to give all parties an opportunity to present their views, it may be necessary to request each participant to limit any oral presentation to five minutes.

Any individual with a disability may request accommodation in order to participate in the public hearing and may request the proposed regulations and economic impact statements in an accessible format. Requests for accommodation should be made at least five working days in advance of the hearing by contacting Phyllis Gilmore at (785) 296-3240 or the Kansas Relay Center at 1-800-766-3777. There is designated accessible parking on Kansas Ave., and the front entrance of the board office is accessible.

Copies of the full text of each regulation and the economic impact statement may be reviewed or obtained at the board office and also are available on the board's Web site at www.ksbsrb.org. The following is a summary of the proposed regulations and economic statement. The board does not have a less costly or less intrusive method for achieving the stated purpose of each regulation.

K.A.R. 102-1-3a is the application regulation for psychology licensure. The changes are needed in order to implement HB 2234 that was passed by the 2003 Legislature. HB 2234 provided for reciprocity for out-of-state applicants seeking Kansas licensure.

K.A.R. 102-1-3b is a new regulation implementing licensure in psychology for out-of-state applicants based on the reciprocity that was created by HB 2234 and passed by the 2003 Legislature.

K.A.R. 102-2-2b is a new regulation implementing licensure in social work for out-of-state applicants based on the reciprocity that was created by HB 2234 and passed by the 2003 Legislature.

K.A.R. 102-2-2c is a new regulation implementing licensure in social work for out-of-state applicants based on the reciprocity that was created by HB 2234 and passed by the 2003 Legislature.

K.A.R. 102-3-4b is a new regulation implementing licensure in professional counseling for out-of-state applicants based on the reciprocity that was created by HB 2234 and passed by the 2003 Legislature.

K.A.R. 102-4-4b is a new regulation implementing licensure in master's level psychology for out-of-state applicants based on the reciprocity that was created by HB 2234 and passed by the 2003 Legislature.

K.A.R. 102-5-4b is a new regulation implementing licensure in marriage and family therapy for out-of-state applicants based on the reciprocity that was created by HB 2234 and passed by the 2003 Legislature.

Economic Impact: There would be no economic impact to any entities, except there could be a positive economic impact to an out-of-state applicant in that he or she may not need to take additional coursework or hire additional supervision in order to receive Kansas licensure.

Phyllis Gilmore
Executive Director

Doc. No. 029615

State of Kansas

Kansas Housing Resources Corporation**Notice of Hearing on Proposed
Administrative Regulations**

A public hearing will be conducted at 2 p.m. Monday, September 29, in the main conference room of the Curtis State Office Building, 1000 S.W. Jackson, Topeka, to consider a proposed new Kansas Administrative Regulation, K.A.R. 110-10-1. This regulation is proposed for adoption on a permanent basis.

K.A.R. 110-10-1 adopts an objective scoring matrix for the purpose of awarding housing tax credits.

The regulation will not have an economic impact on any governmental agency, private citizens, or consumers of the products or services that are the subject of the regulation.

This 60-day notice of public hearing shall constitute a public comment period for the purpose of receiving written public comments on the proposed regulation. Comments may be submitted prior to the hearing to Fred Bentley, Rental Housing Administrator, Kansas Housing Resources Corporation, 1000 S.W. Jackson, Suite 150, Topeka, 66612-1354.

All interested parties will be given a reasonable opportunity at the hearing to present their views. It may be necessary to request each participant to limit any oral presentation to five minutes. Any person requiring visual, hearing or other communication aid or assistance, building access assistance or other similar accommodation should contact the Kansas Housing Resources Corporation so appropriate arrangements can be made.

Copies of the regulation and the economic impact statement may be obtained at the address above or by calling (785) 296-6847.

Stephen R. Weatherford
President

Doc. No. 029614

State of Kansas

**Department of Administration
Division of Purchases**

Notice to Bidders

Sealed bids for items listed will be received by the Director of Purchases until 2 p.m. on the date indicated. For more information, call (785) 296-2377:

- 8/04/2003 06442 On Call Electrical, Telecommunications and Data Services
 8/05/2003 06441 On Call Stone Cleaning, Restoration and Waterproofing Services
 8/05/2003 06454 High Efficiency Air Filters
 8/12/2003 06469 Aggregate (AIC, MRA, AB, Dutch Lining, RIP, RAP)

The above referenced bid documents can be downloaded at the following Web site:

<http://da.state.ks.us/purch/rfq/>

Additional files may be located at the following Web site (please monitor this Web site on a regular basis for any changes/addenda):

<http://da.state.ks.us/purch/adds/default/htm>

Stuart D. Leighty
Director of Purchases

Doc. No. 029635

State of Kansas

Kansas Dental Board

**Notice of Hearing on Proposed
Administrative Regulations**

A public hearing will be conducted at 10 a.m. Friday, October 17, in the conference room at the office of the Kansas Dental Board, Room 564-S, Landon State Office Building, 900 S.W. Jackson, Topeka, to consider the revocation of rules and regulations of the Kansas Dental Board.

This 60-day notice of the public hearing shall constitute a public comment period for the purpose of receiving written public comments on the proposed revocation of the rules and regulations. All parties may submit written comments prior to the hearing to the secretary-treasurer of the Kansas Dental Board, Room 564-S, Landon State Office Building, 900 S.W. Jackson, Topeka, 66612. All interested parties will be given a reasonable opportunity to present their views orally on the revocation of the regulations during the hearing. In order to give all parties an opportunity to present their views, it may be necessary to request each participant to limit any oral presentation to five minutes.

Any individual with a disability may request accommodation in order to participate in the public hearing and may request the regulations proposed for revocation in an accessible format. Requests for accommodation should be made at least five working days in advance of the hearing by contacting the Dental Board office at (785) 296-6400. Handicapped parking is located at the south end of Landon State Office Building, and the north entrance to the building is accessible to individuals with disabilities.

Copies of the regulations and their economic impact statements may be obtained by contacting the Kansas Dental Board at the address and phone number given above. A summary of the regulations proposed for revocation follows:

K.A.R. 71-1-1. Retention of applicant's work. This regulation dealt with the board retaining work performed during a licensing examination. It is considered self-directive and unnecessary.

K.A.R. 71-1-2. Passing grade. This regulation required a passing grade on a licensing examination. It is thought to be unnecessary as the same requirement exists in K.S.A. 65-1428 (c).

K.A.R. 71-1-3. Examinations required by the board. This regulation required passage of an examination conducted by the national board of dental examiners and a clinical examination approved by the board. It is thought to be unnecessary as the same requirements are contained in K.S.A. 65-1428.

K.A.R. 71-1-8. Time for holding specialist examination. This regulation provided that specialty examinations would be held once a year. It is considered self-directive and unnecessary.

K.A.R. 71-1-10. Dental intern permit required. It is thought to be unnecessary as the board no longer issues dental intern permits.

K.A.R. 71-1-11. Examination fee. This regulation allowed the Dental Board, in its discretion, to retain a license fee. It is considered self-directive and unnecessary.

K.A.R. 71-2-1. Time for filing applications. This regulation required a specialty applicant to file an application 60 days before the test. The requirement of applying 60 days before the examination is thought to be unnecessary.

K.A.R. 71-2-4. Manner of processing applications. This regulation described how the Dental Board would process specialty applications. It is considered self-directive and unnecessary.

K.A.R. 71-2-9. Specialist examinations. This regulation established requirements for a specialty examination. It is considered self-directive and unnecessary.

K.A.R. 71-2-12. Evidence supporting qualifications. This regulation required that materials submitted in support of a specialty application be verified as the applicant's work. It is considered self-directive and unnecessary.

K.A.R. 71-3-5. Use of letters to designate dental hygienist registration. This regulation allowed dental hygienists to use the designation "R.D.H." It is considered unnecessary as the subject was moved to another regulation.

K.A.R. 71-4-3. Continuing dental education reports. This regulation requires a renewal applicant to submit proof of continuing education. It is considered unnecessary as the same requirement appears in K.S.A. 65-1431.

Bobbi Silver
Acting Head of Agency

Doc. No. 029609

State of Kansas

**Department of Health
and Environment****Request for Comments**

The Kansas Department of Health and Environment is soliciting comments regarding a proposed air quality operating permit. Duke Energy Field Services Company has applied for a Class I operating permit in accordance with the provisions of K.A.R. 28-19-510 et seq. The purpose of a Class I permit is to identify the sources and types of regulated air pollutants emitted from the facility; the emission limitations, standards and requirements applicable to each source; and the monitoring, record keeping and reporting requirements applicable to each source as of the effective date of permit issuance.

Duke Energy Field Services Company, Denver, Colorado, owns and operates the Bradshaw natural gas compressor station located at Section 25, Township 20 South, Range 40 West, Greeley County, Kansas.

A copy of the proposed permit, permit application, all supporting documentation and all information relied upon during the permit application review process is available for a 30-day public review during normal business hours at the KDHE, Bureau of Air and Radiation, 1000 S.W. Jackson, Suite 310, Topeka; and at the KDHE South Central District Office, 130 S. Market, Suite 6050, Wichita. To obtain or review the proposed permit and supporting documentation, contact Michael J. Parhomek, (785) 296-1580, at the KDHE central office; or Don Mies, (316) 337-6107, at the KDHE South Central District Office. The standard departmental cost will be assessed for any copies requested.

Direct written comments or questions regarding the proposed permit to Michael J. Parhomek, KDHE, Bureau of Air and Radiation, 1000 S.W. Jackson, Suite 310, Topeka, 66612-1366. In order to be considered in formulating a final permit decision, written comments must be received by the close of business August 25.

A person may request a public hearing be held on the proposed permit. The request for a public hearing shall be in writing and set forth the basis for the request. The written request must be submitted to Connie Carreno, Bureau of Air and Radiation, not later than the close of business August 25 in order for the Secretary of Health and Environment to consider the request.

The U.S. Environmental Protection Agency has a 45-day review period, which will start concurrently with the 30-day public comment period, within which to object to the proposed permit. If the EPA has not objected in writing to the issuance of the permit within the 45-day review period, any person may petition the administrator of the EPA to review the permit. The 60-day public petition period will directly follow the EPA 45-day review period. If the EPA waives its 45-day review period, the 60-day public petition period will start directly after the 30-day public comment period. Interested parties may contact KDHE to determine if the EPA's 45-day review period has been waived.

Any such petition shall be based only on objections to the permit that were raised with reasonable specificity

during the public comment period provided for in this notice, unless the petitioner demonstrates that it was impracticable to raise such objections within such period, or unless the grounds for such objection arose after such period. Contact Gary Schlicht, U.S. EPA, Region VII, Air Permitting and Compliance Branch, 901 N. 5th St., Kansas City, KS 66101, (913) 551-7097, to determine when the 45-day EPA review period ends and the 60-day petition period commences.

Roderick L. Bremby
Secretary of Health
and Environment

Doc. No. 029623

State of Kansas

**Department of Health
and Environment****Request for Comments**

The Kansas Department of Health and Environment is soliciting comments regarding a proposed air quality construction permit. Monarch Cement Company has applied for an air quality construction permit in accordance with the provisions of K.A.R. 28-19-300 to install a new coal mill. Emissions of particulate matter (PM), particulate matter equal to or less than 10 microns in diameter (PM₁₀), oxides of nitrogen (Nox) and carbon monoxide (CO) were evaluated during the permit review process.

Monarch Cement Company owns and operates the stationary source located at 449 1200 St., Humboldt, at which the new coal mill is to be installed.

A copy of the proposed permit, permit application, all supporting documentation and all information relied upon during review of the permit application is available for public inspection for a period of 30 days from the date of publication during normal business hours at the KDHE, Bureau of Air and Radiation, 1000 S.W. Jackson, Suite 310, Topeka; and at the KDHE Southeast District Office, 1500 W. 7th, Chanute. To obtain or review the proposed permit and supporting documentation, contact John S. Ramsey, (785) 296-1992, at the KDHE central office; or David Stutt, (620) 431-2390, at the KDHE Southeast District Office. The standard departmental cost will be assessed for any copies requested.

Direct written comments or questions regarding the proposed permit to John S. Ramsey, KDHE, Bureau of Air and Radiation, 1000 S.W. Jackson, Suite 310, Topeka, 66612-1366. In order to be considered in formulating a final permit decision, written comments must be received by the close of business August 25.

A person may request a public hearing be held on the proposed permit. The request for a public hearing shall be in writing and set forth the basis for the request. The written request must be submitted to Connie Carreno, Bureau of Air and Radiation, not later than the close of business August 25 in order for the Secretary of Health and Environment to consider the request.

Roderick L. Bremby
Secretary of Health
and Environment

Doc. No. 029622

State of Kansas

**Department of Health
and Environment****Request for Comments**

The Kansas Department of Health and Environment is soliciting comments regarding a proposed air quality operating permit. Duke Energy Field Services Co. has applied for a Class I operating permit in accordance with the provisions of K.A.R. 28-19-510 et seq. The purpose of a Class I permit is to identify the sources and types of regulated air pollutants emitted from the facility; the emission limitations, standards and requirements applicable to each source; and the monitoring, record keeping and reporting requirements applicable to each source as of the effective date of permit issuance.

Duke Energy Field Services Co., Denver, Colorado, owns and operates the Plains natural gas compressor station located at Section 19, Township 32 South, Range 30 West, Meade County, Kansas.

A copy of the proposed permit, permit application, all supporting documentation and all information relied upon during the permit application review process is available for a 30-day public review during normal business hours at the KDHE, Bureau of Air and Radiation, 1000 S.W. Jackson, Suite 310, Topeka; and at the KDHE South Central District Office, 130 S. Market, Suite 6050, Wichita. To obtain or review the proposed permit and supporting documentation, contact Michael J. Parhomek, (785) 296-1580, at the KDHE central office; or Don Mies, (316) 337-6107, at the KDHE South Central District Office. The standard departmental cost will be assessed for any copies requested.

Direct written comments or questions regarding the proposed permit to Michael J. Parhomek, KDHE, Bureau of Air and Radiation, 1000 S.W. Jackson, Suite 310, Topeka, 66612-1366. In order to be considered in formulating a final permit decision, written comments must be received by the close of business August 25.

A person may request a public hearing be held on the proposed permit. The request for a public hearing shall be in writing and set forth the basis for the request. The written request must be submitted to Connie Carreno, Bureau of Air and Radiation, not later than the close of business August 25 in order for the Secretary of Health and Environment to consider the request.

The U.S. Environmental Protection Agency has a 45-day review period, which will start concurrently with the 30-day public comment period, within which to object to the proposed permit. If the EPA has not objected in writing to the issuance of the permit within the 45-day review period, any person may petition the administrator of the EPA to review the permit. The 60-day public petition period will directly follow the EPA 45-day review period. If the EPA waives its 45-day review period, the 60-day public petition period will start directly after the 30-day public comment period. Interested parties may contact KDHE to determine if the EPA's 45-day review period has been waived.

Any such petition shall be based only on objections to the permit that were raised with reasonable specificity

during the public comment period provided for in this notice, unless the petitioner demonstrates that it was impracticable to raise such objections within such period, or unless the grounds for such objection arose after such period. Contact Gary Schlicht, U.S. EPA, Region VII, Air Permitting and Compliance Branch, 901 N. 5th St., Kansas City, KS 66101, (913) 551-7097, to determine when the 45-day EPA review period ends and the 60-day petition period commences.

Roderick L. Bremby
Secretary of Health
and Environment

Doc. No. 029625

State of Kansas

**Department of Health
and Environment****Request for Comments**

The Kansas Department of Health and Environment is soliciting comments regarding a proposed air quality construction permit. Robbie Manufacturing, Inc. has applied for an air quality construction permit in accordance with the provisions of K.A.R. 28-19-300 to install a new printing press. Emissions of volatile organic compounds (VOCs) were evaluated during the permit review process.

Robbie Manufacturing, Inc. owns and operates the stationary source located at 10810 Mid-America Ave., Lenexa, at which a new printing press is to be installed.

A copy of the proposed permit, permit application, all supporting documentation and all information relied upon during review of the permit application is available for public inspection for a period of 30 days from the date of publication during normal business hours at the KDHE, Bureau of Air and Radiation, 1000 S.W. Jackson, Suite 310, Topeka; and at the Johnson County Environmental Department, 11180 Thompson Ave., Lenexa. To obtain or review the proposed permit and supporting documentation, contact John S. Ramsey, (785) 296-1992, at the KDHE central office; or Mike Boothe, (913) 492-0402, at the Johnson County Environmental Department. The standard departmental cost will be assessed for any copies requested.

Direct written comments or questions regarding the proposed permit to John S. Ramsey, KDHE, Bureau of Air and Radiation, 1000 S.W. Jackson, Suite 310, Topeka, 66612-1366. In order to be considered in formulating a final permit decision, written comments must be received by the close of business August 25.

A person may request a public hearing be held on the proposed permit. The request for a public hearing shall be in writing and set forth the basis for the request. The written request must be submitted to Connie Carreno, Bureau of Air and Radiation, not later than the close of business August 25 in order for the Secretary of Health and Environment to consider the request.

Roderick L. Bremby
Secretary of Health
and Environment

Doc. No. 029626

State of Kansas

Department of Health and Environment

Notice Concerning Kansas Water Pollution Control Permits

In accordance with Kansas Administrative Regulations 28-16-57 through 63, 28-18-1 through 15, 28-18a-1 through 32, 28-16-150 through 154, 28-46-7, and the authority vested with the state by the administrator of the U.S. Environmental Protection Agency, draft permits have been prepared and/or permit applications have been received for discharges to the waters of the United States and the State of Kansas for the class of discharges described below.

The determinations for permit content are based on staff review, applying the appropriate standards, regulations and effluent limitations of the State of Kansas and the EPA, and when issued will result in a State Water Pollution Control Permit and National Pollutant Discharge Elimination System Authorization subject to certain conditions.

All Kansas Department of Health and Environment district office addresses and telephone numbers are listed below.

Public Notice No. KS-AG-03-193/196
Pending Permits for Confined Feeding Facilities

Name and Address of Applicant	Legal Description	Receiving Water
Eck Dairy & Feedlot 11329 S.E. U.S. Hwy. 160 Sharon, KS 67138	NW/4 of Section 22, T32S, R10W, Barber County	Lower Arkansas River Basin

Kansas Permit No. A-ARBA-M003

This is a modified and renewal permit for an existing facility for 100 head (140 animal units) of mature dairy cows, 100 head (100 animal units) of beef cattle weighing more than 700 pounds, and 400 head (200 animal units) of beef cattle weighing less than 700 pounds, for a combined total of 600 head (440 animal units).

Soil sampling and analysis shall be conducted on soils from fields determined by the department to be located in a sensitive groundwater area and that have received manure or wastewater within the five-year permit cycle.

Permeability tests shall be conducted on the earthen wastewater retention structure. Permeability tests shall be completed within 12 months of the effective date of the permit.

Wastewater will be impounded for subsequent application to agricultural land for beneficial use. Wastewater storage capacity is provided that meets or exceeds KDHE minimum requirements. The manure/waste management plan approved by the department shall be adhered to as a condition of the permit.

Name and Address of Applicant	Legal Description	Receiving Water
Hays Feeders, L.L.C. P.O. Box 310 Hays, KS 67601	N/2 of Section 11, & NW/4 of Section 12, T13S, R19W, Ellis County	Smoky Hill River Basin

Kansas Permit No. A-SHEL-C002 Federal Permit No. KS0037630

This is a permit modification for an existing facility. The modification is for the waste controls only. The permitted maximum capacity will remain the same at 30,000 head (30,000 animal units) of beef cattle weighing more than 700 pounds.

Dewatering equipment for Pond 12 shall be obtained through purchase, rental or custom application agreement prior to placing the retention

structure into service. Written verification of the acquisition of the equipment shall be submitted to the department.

Wastewater will be impounded for subsequent application to agricultural land for beneficial use. Wastewater storage capacity is provided that meets or exceeds KDHE minimum requirements. The manure/waste management plan developed by the designer and approved by the department shall be adhered to pursuant to K.A.R. 28-18-12 and 13.

Name and Address of Applicant	Legal Description	Receiving Water
Maxwell Brothers Livestock Route 2, Box 54 Smith Center, KS 66967	NE/4 of Section 08, T03S, R13W, Smith County	Solomon River Basin

Kansas Permit No. A-SOSM-B021

This is a new permit for expansion of the pollution control system and a change in operation at an existing facility from 600 head (240 animal units) of swine to a maximum of 399 head (199.5 animal units) of cattle weighing less than 700 pounds each and 600 head (600 animal units) of cattle weighing more than 700 pounds each, for a total of 999 head (799.5 animal units).

Soil sampling and analysis shall be conducted on soils from fields determined by the department to be located in a sensitive groundwater area and that have received manure or wastewater within the five-year permit cycle.

Permeability tests shall be conducted on the cattle earthen wastewater retention structure. Permeability tests shall be completed after the soil liner(s) have been compacted and prior to placing the earthen wastewater retention structure(s) into service.

Wastewater will be impounded for subsequent application to agricultural land for beneficial use. Wastewater storage capacity is provided that meets or exceeds KDHE minimum requirements. The manure/waste management plan developed by the designer and approved by the department shall be adhered to pursuant to K.A.R. 28-18-12 and 13.

Upon completion of the proposed cattle facilities, the existing cattle facilities may not be used for confined feeding. All bunks shall be removed from the pens. Fences may be retained to utilize the pens for working/sorting activities only.

All swine facilities shall be maintained unpopulated and shall be cleaned of all swine wastes within 12 months after the effective date of the permit. The swine wastes shall be disposed of in accordance with the approved manure/waste management plan.

Name and Address of Applicant	Legal Description	Receiving Water
Parsons Livestock Market, Inc. Box 216 Edna, KS 66342	SW/4 of Section 07, T31S, R20E, Labette County	Neosho River Basin

Kansas Permit No. A-NELB-B001

This is a permit renewal for an existing facility with a revised animal unit count of 189 animal units of beef cattle. There has been no modification made to the facility. The revision is due to a change the law or method of determining animal units for public livestock markets.

Soil sampling and analysis shall be conducted on soils from fields determined by the department to be located in a sensitive groundwater area and that have received manure or wastewater within the previous five years.

Wastewater will be impounded for subsequent application to agricultural land for beneficial use. Wastewater storage capacity is provided that meets or exceeds KDHE minimum requirements. The manure/waste management plan developed by the designer and approved by the department shall be adhered to as a condition of the permit.

Public Notice No. KS-03-071/082

Name and Address of Applicant	Waterway	Type of Discharge
Allen County Sewer District #1, c/o Allen County Clerk 1 N. Washington Iola, KS 66749	Rock Creek via Neosho River Basin	Treated Domestic Wastewater

Kansas Permit No. M-NE37-0002 Federal Permit No. KS0085201

(continued)

Legal: SW¹/₄, NW¹/₄, SW¹/₄, S30, T24S, R19E, Allen County

Facility Description: The proposed action is to reissue an existing permit for operation of an existing wastewater treatment facility to treat primarily domestic wastewater. The proposed permit includes limits for biochemical oxygen demand, total suspended solids and pH. Annual sampling for ammonia and fecal coliform also is required. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are technology based.

Name and Address of Applicant	Waterway	Type of Discharge
Baxter Springs, City of P.O. Box 577 Baxter Springs, KS 66713	Spring River	Treated Domestic Wastewater
Kansas Permit No. M-NE06-0001	Federal Permit No. KS0045934	

Legal: SW¹/₄, S6, T35S, R25E, Cherokee County

Facility Description: The proposed action is to reissue an existing permit for operation of an existing wastewater treatment facility to treat primarily domestic wastewater. The proposed permit includes limits for biochemical oxygen demand, total suspended solids and pH; and monitoring for copper, lead and zinc (303d listed stream). Annual sampling for ammonia and fecal coliform also is required. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are technology based.

Name and Address of Applicant	Waterway	Type of Discharge
Bern, City of P.O. Box 99 Bern, KS 66408	Fourmile Creek via Unnamed Tributary	Treated Domestic Wastewater
Kansas Permit No. M-MO02-0001	Federal Permit No. KS0047244	

Legal: SW¹/₄, NE¹/₄, S16, T1S, R13E, Nemaha County

Facility Description: The proposed action is to modify and reissue an existing permit for operation of an existing wastewater treatment facility. The current facility is being expanded to include treatment of water from an industrial wastewater pretreatment facility. The proposed permit includes limits for biochemical oxygen demand, total suspended solids, and pH and monitoring of ammonia and fecal coliform on the effluent. Separate monitoring of the wastewater from the city collection system and the industrial pretreatment system is required for biochemical oxygen demand, total suspended solids and ammonia also is required. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are technology based.

Name and Address of Applicant	Waterway	Type of Discharge
Cheney, City of P.O. Box I Cheney, KS 67025	North Fork Ninnescah River	Treated Domestic Wastewater
Kansas Permit No. M-AR20-0002	Federal Permit No. KS0094226	

Legal: S¹/₄, NE¹/₄, S9, T28S, R4W, Sedgwick County

Facility Description: The proposed action is to reissue an existing permit for operation of an existing wastewater treatment facility to treat primarily domestic wastewater. The proposed permit includes limits for biochemical oxygen demand, total suspended solids and pH. Annual sampling for ammonia and fecal coliform also is required. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are technology based.

Name and Address of Applicant	Waterway	Type of Discharge
Cherokee County Commissioners P.O. Box 14 Columbus, KS 66725	Spring River	Treated Domestic Wastewater
Facility Name: Cherokee County Sewer District #1		

Kansas Permit No. M-NE73-0002 Federal Permit No. KS0091057
Legal: SE¹/₄, SW¹/₄, S24, and NE¹/₄, NW¹/₄, S25, T25S, R24E, Cherokee County

Facility Description: The proposed action is to reissue an existing permit for operation of an existing wastewater treatment facility to treat primarily domestic wastewater. The proposed permit includes limits for biochemical oxygen demand, total suspended solids and pH. Annual sampling for ammonia and fecal coliform also is required. The permit contains a schedule of compliance requiring the permittee to obtain the services of a KDHE-certified wastewater treatment plant operator to achieve compliance with the permit. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are technology based.

Name and Address of Applicant	Waterway	Type of Discharge
Crawford County P.O. Box 249 Girard, KS 66743	Marmaton River via West Fork Drywood Creek via Unnamed Tributary via Drainage Ditch	Treated Domestic Wastewater

Facility Name: Crawford County Sewer District #4 - Farlington
Kansas Permit No. M-MC52-0001 Federal Permit No. KS0096741
Legal: SE¹/₄, S6, T28S, R24E, Crawford County

Facility Description: The proposed action is to issue a new permit for operation of a new wastewater treatment facility to treat primarily domestic wastewater. The proposed permit includes limits for biochemical oxygen demand, total suspended solids and pH. Annual sampling for ammonia and fecal coliform also is required. The permit contains a schedule of compliance requiring the permittee to obtain the services of a KDHE-certified wastewater treatment plant operator to achieve compliance with the permit. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are technology based.

Name and Address of Applicant	Waterway	Type of Discharge
Leavenworth, City of 100 N. 5th St. Leavenworth, KS 66048	Missouri River	Treated Domestic Wastewater

Kansas Permit No. M-MO12-IO01 Federal Permit No. KS0036366
Legal: SE¹/₄, NW¹/₄, NE¹/₄, S1, T9S, R22E, Leavenworth

Facility Description: The proposed action is to reissue an existing permit for operation of an existing wastewater treatment facility to treat primarily domestic wastewater. The proposed permit includes limits for biochemical oxygen demand, total suspended solids and pH. Monitoring of ammonia, fecal coliform, total phosphorus, nitrate, nitrite, total Kjeldahl nitrogen and effluent flow also is required. Chronic whole effluent toxicity testing will be required annually. A priority pollutant scan will be required during the last year of this permit. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are water-quality based.

Name and Address of Applicant	Waterway	Type of Discharge
Peabody, City of 300 N. Walnut Peabody, KS 66866	Cottonwood River via Doyle Creek	Treated Domestic Wastewater

Kansas Permit No. M-NE56-0003 Federal Permit No. KS0097225
Legal: NW¹/₄, S2, T22S, R3E, Marion County

Facility Description: The proposed action is to issue a new permit for operation of a new wastewater treatment facility to treat primarily domestic wastewater. The proposed permit includes limits for biochemical oxygen demand, total suspended solids and pH. Annual sampling for ammonia and fecal coliform is also required. The permit contains a schedule of compliance requiring the permittee complete construction no later than one year from the effective date of this permit. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are technology based.

Name and Address of Applicant	Waterway	Type of Discharge
Yates Center, City of 117 E. Rutledge St. Yates Center, KS 66783	Owl Creek via South Owl Creek	Treated Domestic Wastewater

Kansas Permit No. M-NE70-0002 Federal Permit No. KS0097446

Legal: SE¼, NE¼, SW¼, S14, T25S, R15E, Woodson County

Facility Description: The proposed action is to issue a new permit for operation of a new wastewater treatment facility to treat primarily domestic wastewater. This facility is new and replaces an older facility on the same site, using the same outfall location. The proposed permit includes limits for biochemical oxygen demand, total suspended solids, ammonia, fecal coliform and pH. Monitoring for total phosphorus, nitrate, nitrite, total Kjeldahl nitrogen and effluent flow also is required. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are water-quality based.

Name and Address of Applicant	Waterway	Type of Discharge
Manufacturing Development, Inc. 37515 W. 15th St. South Cheney, KS 67025-0550	Arkansas River via North Fork Ninnescah River via County Highway Ditch	Noncontact Cooling Water

Kansas Permit No. I-AR20-BO01 Federal Permit No. KS0092690

Legal: NW¼, S33, T27S, R4W, Sedgwick County

Facility Description: The proposed action is to reissue an existing permit for operation of an existing facility discharging primarily noncontact cooling water. Domestic wastewater is directed to a clay lined non-overflowing lagoon. The design flow into this lagoon is about 7,740 gallons per week. This facility fabricates aircraft parts by forming sheet metal. The wastewater discharge consists of municipal water used for noncontact cooling of sheet metal parts and forms. Non-contact cooling water discharges into the county highway ditch at about 1,000 gallons per day. No cooling water additives are utilized. The proposed permit includes generic water quality language to protect waters of the state. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are water-quality based.

Name and Address of Applicant	Waterway	Type of Discharge
Midland Quarry Company P.O. Box 361 Atchison, KS 66002	Missouri River via Walnut Creek via Unnamed Tributary	Pit Dewatering & Stormwater Runoff

Kansas Permit No. I-MO01-PO06 Federal Permit No. KS0089222

Legal: NW, S30, T6S, R21E, Atchison County

Facility Description: The proposed action is to reissue an existing permit for the discharge of wastewater during quarry operation. This facility is a limestone quarry and crushing operation with no washing. The wastewater discharged from this facility consists of stormwater runoff and pit dewatering. The proposed permit includes generic water quality language to protect waters of the state. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are water-quality based.

Name and Address of Applicant	Waterway	Type of Discharge
Plastic Fabricating Company, Inc. 1650 S. McComas St. Wichita, KS 67215	Arkansas River via Valley Center Floodway via Storm Sewer	Noncontact Cooling Water

Kansas Permit No. I-AR94-CO66 Federal Permit No. KS0096652

Legal: NW¼, S36, T27S, R1W, Sedgwick County

Facility Description: The proposed action is to issue a new permit for operation of a new facility discharging noncontact cooling water. This facility fabricates aircraft and aerospace composite parts using low and high pressure lamination, thermoplastic sheet forming, and metal/composite assemblies. On-site well water, used for noncontact additive free cooling of autoclave #15, is discharged to the storm sewer. The wastewater generated in the autoclaves #5, #9 and #12,

boiler blowdown, air compressor condensate and cooling, domestic wastewater and all other process wastewater are discharged to the city sanitary sewer. The proposed permit includes generic water quality language to protect waters of the state. Sampling for volatile organic compounds shall be conducted annually in July. The permit contains a schedule of compliance that requires the permittee to sample for total recoverable copper and pH by November 1, 2003. The schedule of compliance also requires that with the permittee submit an acceptable Certificate of Exclusion from NPDES Storm Water Permitting within 90 days of the effective date of this permit or, within one year certify to KDHE that a stormwater pollution prevention plan has been developed and implemented. The permit requirements are pursuant to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28(b-f), and Federal Surface Water Criteria, and are water-quality based.

Public Notice No. KS-ND-03-016/017

Name and Address of Applicant	Legal Location	Type of Discharge
Sumner County Commission P.O. Box 326 Wellington, KS 67152	SW¼, NW¼, S26, T32S, R1W, Sumner County	Nonoverflow

Kansas Permit No. M-AR92-NO07

Facility Name: Slate Valley Rural Sewer District

Facility Description: The proposed action is to reissue an existing permit for operation of an existing wastewater treatment facility treating primarily domestic wastewater. Included in this permit is a schedule of compliance requiring by January 1, 2004, the permittee take steps to either connection to the City of Wellington's wastewater treatment facility or provide plans to upgrade the existing facility to meet the Kansas minimum standards of design. The schedule of compliance also requires the permittee to obtain the services of a KDHE-certified wastewater treatment plant operator to achieve compliance with the permit. Discharge of wastewater from this treatment facility to surface waters of the State of Kansas is prohibited by this permit.

Name and Address of Applicant	Legal Location	Type of Discharge
Ben-Lee Processing, Inc. P.O. Box 177 Atwood, KS 67730	SE¼, S32, T2S, R33W Rawlins County	Nonoverflowing

Kansas Permit No. I-UR02-NP01

Facility Description: The proposed action is to reissue an existing permit for operation of an existing wastewater treatment facility treating primarily domestic wastewater. This facility is a slaughtering house. Cleanup water and domestic wastes are directed through a septic tank (to trap grease and solids) to a two-cell evaporation lagoon. The septic tank is pumped out every couple of years. Included in this permit is a schedule of compliance requiring by December 31, 2003, the permittee to perform necessary repairs to fencing around lagoon and complete installation of appropriate warning signs. The schedule of compliance also requires the permittee to obtain the services of a KDHE-certified wastewater treatment plant operator to achieve compliance with the permit. Discharge of wastewater from this treatment facility to surface waters of the State of Kansas is prohibited by this permit.

Persons wishing to comment on or object to the draft permits and/or permit applications must submit their comments in writing to the Kansas Department of Health and Environment if they wish to have the comments or objections considered in the decision making process. Comments or objections should be submitted to the attention of Glenda Newquist for agricultural permits or applications, or to the permit clerk for all other permits, at the Kansas Department of Health and Environment, Division of Environment, Bureau of Water, 1000 S.W. Jackson, Suite 420, Topeka, 66612-1367.

(continued)

(Published in the Kansas Register July 24, 2003.)

All comments regarding the draft permit or application notice postmarked or received on or before August 23 will be considered in the formulation of final determinations regarding this public notice. Please refer to the appropriate Kansas permit number (KS-AG-03-193/196, KS-03-071/082, KS-ND-016/017) and name of applicant/application as listed when preparing comments.

If no objections are received during the public notice period regarding any proposed permit, the Secretary of Health and Environment will issue the final determination regarding issuance or denial of the proposed permit. If response to this notice indicates significant public interest, a public hearing may be held in conformance with K.A.R. 28-16-61 (28-46-21 for UIC). Media coordination for publication and/or announcement of the public notice or public hearing is handled by the Kansas Department of Health and Environment.

For agricultural permits and applications, a copy of the permit application, supporting documentation and a KDHE-developed fact sheet, if appropriate, is available for review at the appropriate district office:

Northwest District Office, 2301 E. 13th, Hays,
67601-2651, (785) 625-5664

North Central District Office, 2501 Market Place,
Salina, 67401-7699, (785) 827-9639

Northeast District Office, 800 W. 24th, Lawrence,
66046-4417, (785) 842-4600

Southwest District Office, 302 W. McArtor Road,
Dodge City, 67801-6098, (620) 225-0596

South Central District Office, 130 S. Market, 6th Floor,
Wichita, 67202-3802, (316) 337-6020

Southeast District Office, 1500 W. 7th, Chanute, 66720,
(620) 431-2390

Application information and components of plans and specifications for all new facilities and for expansions of existing swine facilities may be reviewed on the Internet at <http://www.kdhe.state.ks.us/feedlots>.

For all other proposed permits, the draft permit(s), including proposed effluent limitations and special conditions, fact sheets as appropriate, comments received and other information, are on file and may be inspected at the offices of the Kansas Department of Health and Environment, Bureau of Water.

Division of Environment offices are open from 8 a.m. to 5 p.m. Monday through Friday, excluding holidays. These documents are available upon request at the copying cost assessed by KDHE. Additional copies of this public notice also may be obtained at the Division of Environment.

Roderick L. Bremby
Secretary of Health
and Environment

Doc. No. 029636

Summary Notice of Bond Sale
City of Inman, Kansas
\$492,000
General Obligation Bonds, Series 2003
(General obligation bonds payable from
unlimited ad valorem taxes)

Bids

Subject to the notice of bond sale dated July 14, 2003, written bids will be received by the clerk of the City of Inman, Kansas (the issuer), on behalf of the governing body at 104 N. Main, Inman, Kansas, until 11 a.m. August 11, 2003, for the purchase of \$492,000 principal amount of General Obligation Bonds, Series 2003. No bid of less than 98.75 percent of the principal amount of the bonds and accrued interest thereon to the date of delivery will be considered.

Bond Details

The bonds will consist of fully registered bonds in the denomination of \$5,000 or any integral multiple thereof, except one bond in the denomination of \$2,000 (or such amount added to \$5,000 or any integral multiple thereof). The bonds will be dated August 15, 2003, and will become due on December 1 in the years as follows:

Year	Principal Amount
2004	\$37,000
2005	45,000
2006	45,000
2007	45,000
2008	50,000
2009	50,000
2010	50,000
2011	55,000
2012	55,000
2013	60,000

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 June 1 and December 1 in each year, beginning June 1, 2004.

Optional Book-Entry-Only System

The successful bidder may elect to have the bonds registered under a book-entry-only system administered through DTC.

Paying Agent and Bond Registrar

Kansas State Treasurer, Topeka, Kansas.

Good Faith Deposit

Each bid shall be accompanied by a good faith deposit in the form of a cashier's or certified check drawn on a bank located in the United States or a qualified financial surety bond in the amount of \$9,840 (2 percent of the principal amount of the bonds).

Delivery

The issuer will pay for printing the bonds and will deliver the same properly prepared, executed and registered without cost to the successful bidder on or about

August 28, 2003, to DTC for the account of the successful bidder or at such bank or trust company in the contiguous United States as may be specified by the successful bidder, or elsewhere at the expense of the successful bidder.

Assessed Valuation and Indebtedness

The equalized assessed tangible valuation for computation of bonded debt limitations for the year 2003 is \$6,311,217. The total general obligation indebtedness of the issuer as of the date of delivery of the bonds, including the bonds being sold but excluding temporary notes to be retired in conjunction therewith, is \$1,989,000.

Approval of Bonds

The bonds will be sold subject to the legal opinion of Gilmore & Bell, P.C., Wichita, Kansas, bond counsel, whose approving legal opinion as to the validity of the bonds will be furnished and paid for by the issuer, printed on the bonds and delivered to the successful bidder when the bonds are delivered.

Additional Information

Additional information regarding the bonds may be obtained from the clerk, (620) 585- 2122, fax (620) 585-2767, e-mail: city@inmanks.net; or from the financial advisor, Ranson Financial Consultants, L.L.C., 209 E. William, Suite 401, Wichita, KS 67202, Attention: David Shupe, (316) 264-3400, fax (316) 265-5403, e-mail: dshupe@ransonfinancial.com.

Dated July 14, 2003.

City of Inman, Kansas

Doc. No. 029619

(Published in the Kansas Register July 24, 2003.)

**Summary Notice of Bond Sale
City of Arkansas City, Kansas
\$3,685,000**

**General Obligation Bonds, Series 2003
(General obligation bonds payable from
unlimited ad valorem taxes)**

Bids

Subject to the notice of bond sale dated July 15, 2003, sealed, facsimile and electronic bids will be received by the director of administration of the City of Arkansas City, Kansas (the issuer), in the case of sealed bids, on behalf of the governing body at City Hall, 118 W. Central, P.O. Box 778, Arkansas City, KS 67005-0778; in the case of facsimile bids, to the financial advisor, George K. Baum & Company, 100 N. Main, Suite 810, Wichita, KS 67202, fax (316) 264-9370; and in the case of electronic bids, through i-Deal's BiDCOMP/PARITY electronic bid submission system, until 2 p.m. August 5, 2003, for the purchase of \$3,685,000 principal amount of General Obligation Bonds, Series 2003. No bid of less than 100 percent of the principal amount of the bonds and accrued interest thereon to the date of delivery will be considered.

Bond Details

The bonds will consist of fully registered bonds in the denomination of \$5,000 or any integral multiple thereof. The bonds will be dated August 1, 2003, and will become due on December 1 in the years as follows:

Year	Principal Amount
2004	\$270,000
2005	325,000
2006	340,000
2007	350,000
2008	365,000
2009	380,000
2010	390,000
2011	405,000
2012	420,000
2013	440,000

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 June 1 and December 1 in each year, beginning June 1, 2004.

Book-Entry-Only System

The bonds shall be registered under a book-entry-only system administered through DTC.

Paying Agent and Bond Registrar

Kansas State Treasurer, Topeka, Kansas.

Good Faith Deposit

Each bid shall be accompanied by a good faith deposit in the form of a cashier's or certified check drawn on a bank located in the United States or a qualified financial surety bond in the amount of \$73,700 (2 percent of the principal amount of the bonds).

Delivery

The issuer will pay for printing the bonds and will deliver the same properly prepared, executed and registered without cost to the successful bidder on or about August 28, 2003, to DTC for the account of the successful bidder.

Assessed Valuation and Indebtedness

The equalized assessed tangible valuation for computation of bonded debt limitations for the year 2002 is \$59,216,143. The total general obligation indebtedness of the issuer as of the date of delivery of the bonds, including the bonds being sold but excluding temporary notes to be retired in conjunction therewith, is \$12,305,000.

Approval of Bonds

The bonds will be sold subject to the legal opinion of Gilmore & Bell, P.C., Wichita, Kansas, bond counsel, whose approving legal opinion as to the validity of the bonds will be furnished and paid for by the issuer, printed on the bonds and delivered to the successful bidder when the bonds are delivered.

Additional Information

Additional information regarding the bonds may be obtained from the director of administration, (620) 441-4400, fax (620) 441-4426, e-mail: diradmin@arkcity.org; or from the financial advisor, George K. Baum & Company, 100 N. Main, Suite 810, Wichita, KS 67202, Attention: Charles M. Bouilly, (316) 264-9351, fax (316) 264-9370, e-mail: bouilly@gkbaum.com.

Dated July 15, 2003.

City of Arkansas City, Kansas

Doc. No. 029628

State of Kansas

State Employees Health Care Commission

Notice of Meeting

The State Employees Health Care Commission will meet at 1:30 p.m. Wednesday, August 6, in the boardroom of the offices of the Kansas Public Employees Retirement System, 611 S. Kansas Ave., Topeka. An agenda may be viewed by accessing the commission's Web site at <http://da.state.ks.us/hcc/meetings.htm>. For further information, contact the Benefits Office at (785) 296-6280.

Howard R. Fricke
Chair

Doc. No. 029632

(Published in the Kansas Register July 24, 2003.)

Summary Notice of Bond Sale
Unified School District No. 232
Johnson County, Kansas (DeSoto)
\$15,000,000

General Obligation School Building Bonds
Series 2003-A

(General obligations payable from
unlimited ad valorem taxes)

Bids

Subject to the notice of sale and preliminary official statement, bids will be received by the clerk of Unified School District No. 232, Johnson County, Kansas (DeSoto), on behalf of the Board of Education of the district at the district office, 35200 W. 91st St., DeSoto, KS 66018, on Monday, August 4, 2003, for the purchase of \$15,000,000 principal amount of General Obligation School Building Bonds, Series 2003-A. Bids for the bonds will be received until 4:30 p.m. local time on that day. Bids will be received (1) in the case of sealed and facsimile bids, by the clerk at the address and fax number hereafter set forth, and (2) in the case of electronic bids, through *PARITY* electronic bid submission system. The district and the district's financial advisor shall not be responsible for any failure, misdirection, delay or error in the means of transmission selected by the bidder. No bid will be considered of less than 100.00 percent of the principal amount of the bonds and accrued interest to the date of delivery, and no supplemental interest payments will be considered.

Bond Details

The bonds will consist of fully registered bonds in the denomination of \$5,000 or any integral multiple thereof. Bonds shall initially be registered in the name of Cede & Co., as nominee of the Depository Trust Company, New York, New York, to which payments of principal of and interest on the bonds will be made. Individual purchases of bonds will be made in book-entry form only. Purchasers will not receive certificates representing their interest in bonds purchased. The bonds will be dated August 1, 2003, and will become due annually on September 1, beginning September 1, 2007, in the years as follows:

Maturity September 1	Principal Amount
2007	\$130,000
2008	200,000

2009	275,000
2010	345,000
2011	425,000
2012	500,000
2013	600,000
2014	700,000
2015	775,000
2016	900,000
2017	1,000,000
2018	1,125,000
2019	1,275,000
2020	1,425,000
2021	1,600,000
2022	1,775,000
2023	1,950,000

The bonds will bear interest from the date thereof at rates to be determined when the bonds are sold, and interest will be payable semiannually on March 1 and September 1 in each year, beginning March 1, 2005. The Kansas State Treasurer, Topeka, Kansas, will be the paying agent and bond registrar for the bonds.

Good Faith Deposit

Each bid for the bonds shall be accompanied by a good faith check in the form of a cashier's or certified check or a financial surety bond in the amount of 2 percent of the principal amount of the bonds.

Delivery

The district will pay for preparing the bonds. The district will deliver the bonds in book-entry form only through the facilities of the Depository Trust Company, New York, New York, on or before August 28, 2003.

Assessed Valuation and Indebtedness

The equalized assessed tangible valuation for computation of bonded debt limitations is \$264,843,036. The total general obligation indebtedness of the district as of the date of the bonds, including the bonds being sold and outstanding temporary notes, is \$117,475,000.

Approval of Bonds

The bonds will be sold subject to the legal opinion of Gilmore & Bell, P.C., Kansas City, Missouri, bond counsel, whose approving legal opinion as to the validity of the bonds will be furnished and paid for by the district, printed on the bonds and delivered to the successful bidder when the bonds are delivered.

Additional Information

Additional information regarding the bonds may be obtained from the superintendent, Dr. Sharon Zoellner, (913) 583-8300; or from the district's financial advisor, George K. Baum & Company, Attention: Steve Shogren, (316) 264-9351.

Dated July 7, 2003.

Unified School District No. 232
Johnson County, Kansas (DeSoto)
Wendy Denham
Clerk, Board of Education
Fax (913) 583-8303

Doc. No. 029633

State of Kansas

(Published in the Kansas Register July 24, 2003.)

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. A complete listing of Kansas state agencies, boards and commissions, and county officials are included in the Kansas Directory, which is available on the Secretary of State's Web site at www.kssos.org. The following appointments were recently filed with the Secretary of State:

Shawnee County Treasurer

Lawrence C. Wilson, 2906 S.W. Arrowhead Road, Topeka, 66614. Term expires when a successor is elected and qualifies according to law.

Woodson County Sheriff

Mark Curtis Taylor, 107 N. Green, Yates Center, 66749. Term expires when a successor is elected and qualifies according to law.

Board of Adult Care Home Administrators

Lou A. Esplund, Minneola Nursing Home, Box 10, Minneola, 67865. Term expires June 30, 2005. Reappointed.

Kansas Board of Barbering

Mike Amyx, 515 Lindley Drive, Lawrence, 66046. Term expires April 30, 2006. Succeeds Francis J. Madl.

Kansas Children's Cabinet

Laura J. Kelly, 234 S.W. Greenwood Ave., Topeka, 66606. Term expires June 30, 2005. Succeeds Donna L. Shank, resigned.

William C. Nelson, 6521 Wenonga Terrace, Shawnee Mission, 66208. Term expires June 30, 2005. Succeeds Carol A. Nazar, resigned.

Melissa L. Ness, 3733 Timber Ridge Court, Topeka, 66610. Term expires June 30, 2007. Reappointed.

Supreme Court Nominating Commission

Dale Cushinberry, 2424 California, Topeka, 66605. Term expires June 30, 2007. Succeeds James S. Maag.

Kansas Wildlife and Parks Commission

Kelly W. Johnston, 4710 E. 26th St. North, Wichita, 67220. Term expires June 30, 2007. Succeeds Will G. Carpenter.

Doug Sebelius, 105 S. Norton Ave., Norton, 67654. Term expires June 30, 2007. Succeeds John W. Mickey.

Shari L. Wilson, 51 S. 64th St., Kansas City, KS 66111. Term expires June 30, 2007. Succeeds Thomas D. Warner.

Ron Thornburgh
Secretary of State

Doc. No. 029617

Summary Notice of Bond Sale
Sedgwick County, Kansas

\$16,670,000*

General Obligation Bonds
Series A, 2003

\$4,620,000*

General Obligation Refunding Bonds
Series B, 2003

(General obligation bonds payable from unlimited ad valorem taxes)

Bids

Subject to the notice of bond sale dated July 16, 2003, written and facsimile bids will be received on behalf of the chief financial officer of Sedgwick County, Kansas (the issuer), by Springsted Incorporated, financial advisor to the issuer, at 85 E. 7th Place, Suite 100, St. Paul, MN 55101, Attention: David MacGillivray, (651) 223-3068, fax (651) 223-3046, and in the case of electronic bids, through i-Deal's BiDCOMP/PARITY electronic bid submission system, until 10:30 a.m. August 4, 2003, for the separate purchase of: (a) \$16,670,000* principal amount of General Obligation Bonds, Series A, 2003, and (b) \$4,620,000* principal amount of General Obligation Refunding Bonds, Series B, 2003, of the issuer (collectively, the bonds). No bid of less than 99 percent of the principal amount of each series of bonds and accrued interest thereon to the date of delivery will be considered.

Bond Details

The bonds will consist of fully registered bonds in the denomination of \$5,000 or any integral multiple thereof (the authorized denomination); will be dated August 15, 2003 (the dated date); and will bear interest from the dated date at rates to be determined when the bonds are sold, which interest will be payable semiannually on February 1 and August 1 in each year, beginning February 1, 2004 (the interest payment dates).

Series A, 2003 Bonds

The Series A, 2003 Bonds will become due in principal installments on August 1 in the years as follows:

Year	Principal Amount*
2004	\$1,000,000
2005	980,000
2006	990,000
2007	1,005,000
2008	1,020,000
2009	1,010,000
2010	1,035,000
2011	1,065,000
2012	1,100,000
2013	1,135,000
2014	1,185,000
2015	1,220,000
2016	1,265,000
2017	1,305,000
2018	1,355,000

(continued)

Series B, 2003 Bonds

The **Series B, 2003 Bonds** will become due in principal installments on August 1 in the years as follows:

Year	Principal Amount*
2005	\$750,000
2006	890,000
2007	875,000
2008	405,000
2009	405,000
2010	415,000
2011	430,000
2012	450,000

***Adjustment of Issue Size**

The issuer reserves the right to increase or decrease the total principal amount of either series of bonds, depending on the purchase price and interest rates bid and the offering prices specified by the successful bidders, upon such terms as are set forth in the notice of bond sale.

Book-Entry-Only System

The bonds shall be registered under a book-entry-only system administered through DTC.

Paying Agent and Bond Registrar

Kansas State Treasurer, Topeka, Kansas.

Good Faith Deposit

Each bid shall be accompanied by a good faith deposit in the form of a cashier's or certified check drawn on a bank located in the United States or a qualified financial surety bond in the amount of \$333,400 for the Series A, 2003 Bonds and \$92,400 for the Series B, 2003 Bonds (2 percent of the principal amount of each series of bonds).

Delivery

The issuer will pay for printing the bonds and will deliver the same properly prepared, executed and registered without cost to each successful bidder on or about August 21, 2003, to DTC for the account of the successful bidder.

Assessed Valuation and Indebtedness

The equalized assessed tangible valuation for computation of bonded debt limitations for the year 2002 is \$3,510,849,446. The total general obligation indebtedness of the issuer as of the date of delivery of the bonds, including the bonds being sold, is \$113,590,000*.

Approval of Bonds

The bonds will be sold subject to the legal opinion of Gilmore & Bell, P.C., Wichita, Kansas, bond counsel, whose approving legal opinion as to the validity of the bonds will be furnished and paid for by the issuer, printed on the bonds and delivered to the successful bidders when the bonds are delivered.

Additional Information

Additional information regarding the bonds may be obtained from Mary Orr, Cash/Debt Manager, Sedgwick County Courthouse, 525 N. Main, Suite 823, Wichita, KS 67203, (316) 383-7537, fax (316) 383-7729, or e-mail: morr@sedgwick.gov; or from the financial advisor, Springsted Incorporated, 85 E. 7th Place, Suite 100, St. Paul, MN 55101, Attention: David MacGillivray, (651)

223-3068, fax (651) 223-3046, or e-mail: dmacgillivray@springsted.com.

Dated July 16, 2003.

Sedgwick County, Kansas

Doc. No. 029629

State of Kansas**Social and Rehabilitation Services****Permanent Administrative Regulations****Article 5.—PROVIDER PARTICIPATION, SCOPE OF SERVICES, AND REIMBURSEMENTS FOR THE MEDICAID (MEDICAL ASSISTANCE) PROGRAM**

30-5-64. Prior authorization. (a) Any medical service may be placed by the secretary on the published list of services requiring prior authorization or precertification for any of the following reasons:

(1) To ensure that provision of the service is medically necessary;

(2) to ensure that services that may be subject to overuse are monitored for appropriateness in each case; and

(3) to ensure that services are delivered in a cost-effective manner.

(b) Administration of covered pharmaceuticals in the following classes shall require prior authorization. A cross-reference of generic and brand names shall be made available upon request:

(1) Ace inhibitors:

(A) Benazepril;

(B) fosinopril;

(C) moexipril;

(D) perindopril;

(E) quinapril;

(F) ramipril; and

(G) trandolopril;

(2) acne and skin lesion products:

(A) Tretinoin; and

(B) alitretinoin;

(3) angiotensin II receptor antagonists:

(A) Candesartan;

(B) eprosartan;

(C) irbesartan;

(D) olmesartan; and

(E) valsartan;

(4) antipsoriatics: alefacept;

(5) antiretroviral drugs: enfuvirtide;

(6) antirheumatics:

(A) Leflunomide;

(B) infliximab;

(C) anakinra;

(D) adalimumab; and

(E) etonercept;

(7) cervical dystonias: botulinum toxins A and B;

(8) drugs for the treatment of osteoporosis: teriparatide;

(9) antituberculosis products:

(A) Aminosalicylate sodium;

(B) capreomycin;

(C) ethambutol;

- (D) ethionamide;
- (E) isoniazid;
- (F) pyrazinamide; and
- (G) rifampin and rifampin/isoniazid combinations;
- (10) benzodiazepines:
- (A) Alprazolam;
- (B) clorazepate dipotassium; and
- (C) diazepam;
- (11) all decubitus and wound care products;
- (12) all intravenous and oral dietary and nutritional products, including the following:
- (A) Amino acids, injectable;
- (B) l-cysteine;
- (C) lipids, injectable; and
- (D) sodium phenylbutyrate;
- (13) beta-blockers:
- (A) Betaxolol;
- (B) bisoprolol;
- (C) carteolol;
- (D) nadolol;
- (E) penbutolol;
- (F) pindolol; and
- (G) timolol;
- (14) calcium channel blockers:
- (A) Diltiazem extended release, with the following brand names:
- (i) Cardizem SR[®];
- (ii) Cardizem CD[®];
- (iii) Cartia XT[®]; and
- (iv) Dilacor XR[®];
- (B) verapamil sustained release, with the following brand names:
- (i) Covera HS[®]; and
- (ii) Veralan PM[®];
- (C) nifedipine sustained release, with the following brand names:
- (i) Nifedical XL[®]; and
- (ii) Procardiz XL[®];
- (15) all cyclooxygenase 2 (cox 2) inhibitors:
- (A) Celecoxib;
- (B) rofecoxib; and
- (C) valdecoxib;
- (16) all growth hormones and growth hormone stimulating factor, including the following:
- (A) Somatrem;
- (B) somatropin; and
- (C) sermorelin;
- (17) modafinil;
- (18) intranasal corticosteroids:
- (A) Budesonide;
- (B) mometasone;
- (C) beclomethasone; and
- (D) triamcinolone;
- (19) proton pump inhibitors:
- (A) Esomeprazole;
- (B) omeprazole; and
- (C) rabeprazole;
- (20) drugs for the treatment of impotence: alprostadil;
- (21) monoclonal antibody for respiratory syncytial virus (RSV), including palivizumab;
- (22) nonsteroidal, anti-inflammatory drugs: meloxicam;
- (23) drugs for the treatment of obesity:
- (A) Orlistat; and
- (B) sibutramine;
- (24) oxazolidinones, including linezolid;
- (25) HMG-CoA reductase inhibitors: pravastatin;
- (26) nonsedating antihistamines:
- (A) Desloratidine;
- (B) fexofenadine; and
- (C) loratadine;
- (27) H₂ antagonists: nizatidine;
- (28) triptans:
- (A) Naratriptan;
- (B) zolmitriptan;
- (C) almotriptan;
- (D) frovatriptan; and
- (E) eletriptan HBr; and
- (29) the following drugs if specifically required by the physician, which shall require prior authorization to override maximum allowable cost (MAC) or federal upper limit (FUL) pricing:
- (A) Clozaril;
- (B) depakene;
- (C) tegretol; and
- (D) coumadin.
- (c) Failure to obtain prior authorization, if required, shall negate reimbursement for the service and any other service resulting from the unauthorized or noncertified treatment. The prior authorization shall affect reimbursement to all providers associated with the service.
- (d) The only exceptions to prior authorization shall be the following:
- (1) Emergencies. If certain surgeries and procedures that require prior authorization are performed in an emergency situation, the request for authorization shall be made within two working days after the service is provided.
- (2) Situations in which services requiring prior authorization are provided and retroactive eligibility is later established. When an emergency occurs or when retroactive eligibility is established, prior authorization for that service shall be waived, and if medical necessity is documented, payment shall be made.
- (e) Services requiring prior authorization shall be considered covered services within the scope of the program unless the request for prior authorization is denied. (Authorized by K.S.A. 39-708c(b) and K.S.A. 2002 Supp. 39-7,120; implementing K.S.A. 2002 Supp. 39-7,120 and 39-7,121a; effective May 1, 1981; amended May 1, 1983; amended May 1, 1986; amended May 1, 1992; amended July 1, 1994; amended March 1, 1995; amended March 1, 1996; amended July 1, 1996; amended July 1, 1997; amended Jan. 1, 1999; amended April 1, 2000; amended Oct. 1, 2000; amended Oct. 1, 2001; amended Dec. 6, 2002; amended Feb. 21, 2003; amended May 9, 2003; amended July 11, 2003; amended Aug. 8, 2003.)

Janet Schalansky
Secretary of Social and
Rehabilitation Services

Doc. No. 029624

State of Kansas

Pooled Money Investment Board

Notice of Investment Rates

The following rates are published in accordance with K.S.A. 75-4210. These rates and their uses are defined in K.S.A. 12-1675(b)(c)(d), 75-4201(l) and 75-4209(a)(1)(B).

Effective 7-21-03 through 7-27-03

Term	Rate
1-89 days	1.03%
3 months	0.85%
6 months	0.97%
1 year	1.05%
18 months	1.28%
2 years	1.47%

Derl S. Treff
Director of Investments

Doc. No. 029610

State of Kansas

Behavioral Sciences Regulatory Board

Permanent Administrative
Regulations

Article 3.—PROFESSIONAL COUNSELORS; FEES

102-3-3a. Educational requirements. To qualify for licensure as a professional counselor or a clinical professional counselor, the applicant's educational qualifications and background shall meet the applicable requirements provided in the following subsections.

(a) Degree requirements. At the time of application, each applicant shall have fulfilled these requirements:

(1) Received either a master's or doctoral degree in counseling; and

(2) as a part of or in addition to the coursework completed for the counseling graduate degree, completed a minimum of 60 graduate semester hours acceptable to the board, of which at least 45 graduate semester hours shall clearly satisfy the coursework requirements provided in subsection (b).

(b) Coursework requirements. Each applicant shall have satisfactorily completed a minimum of 45 graduate semester hours of formal academic coursework that is distributed across the substantive content areas provided in this subsection. There shall be a minimum of at least two discrete and unduplicated semester hours or their academic equivalent, neither of which may be taken by independent study, in each of the following substantive content areas:

(1) Counseling theory and practice, which shall include studies in basic theories, principles, and techniques of counseling and their applications to professional settings;

(2) the helping relationship, which shall include studies in the philosophic bases of helping relationships, application of the helping relationship to counseling practice, and an emphasis on development of practitioner and client self-awareness;

(3) group dynamics, processes, and counseling approaches and techniques, which shall include studies in theories and types of groups, as well as descriptions of group practices, methods, dynamics, and facilitative skills;

(4) human growth and development, which shall include the following:

(A) Studies that provide a broad understanding of the nature and needs of individuals at all developmental levels, with emphasis on psychological, sociological, and physiological models; and

(B) studies in normal and abnormal behavior, personality theory, and learning theory;

(5) career development and lifestyle foundations, which shall include studies in vocational theory, the relationship between career choice and lifestyle, sources of occupational and educational information, approaches to career decision-making processes, and career development exploration techniques;

(6) appraisal of individuals, which shall include studies and training in the development of a framework for understanding the individual, including methods of data gathering and interpretation, individual and group testing, and the study of individual differences;

(7) social and cultural foundations, which shall include studies in change processes, ethnicity, subcultures, families, gender issues, changing roles of women, sexism, racism, urban and rural societies, population patterns, cultural mores, use of leisure time, and differing life patterns. These studies may come from the behavioral sciences, economics, political science, and similar disciplines;

(8) research and evaluation, which shall include the following:

(A) Studies in the areas of statistics, research design, development of research, development of program goals and objectives, and evaluation of program goals and objectives; and

(B) thesis preparation;

(9) professional orientation, which shall include studies in the goals and objectives of professional organizations, codes of ethics, legal considerations, standards of preparation and practice, certification, licensing, and role identities of counselors and others in the helping professions; and

(10) supervised practical experience, which shall include studies in the application and practice of the theories and concepts presented in formal study. This experiential practice shall be performed under the close supervision of the instructor with the use of direct observation, one-way mirrors in a counseling laboratory, the use of videotaped or audiotaped sessions, and written case notes.

(c) Each applicant for licensure as a clinical professional counselor whose master's or doctoral degree is earned before July 1, 2003 shall have a graduate degree required by the board for licensure as a professional counselor in accordance with subsection (a) and (b).

(d) Each applicant for licensure as a clinical professional counselor whose master's or doctoral degree is earned on or after July 1, 2003 shall meet the following educational requirements:

(1) A graduate degree required by the board for licensure as a professional counselor in accordance with subsections (a) and (b);

(2) completion of 15 graduate credit hours. The applicant shall have satisfactorily completed two graduate semester hours of discrete coursework in ethics and two graduate semester hours of discrete coursework in psychopathology and diagnostic assessment, including the study of the latest edition of the "diagnostic and statistical manual of mental disorders" and assessment instruments that support diagnosis. In addition, the applicant shall demonstrate, through courses taken, education in interdisciplinary referral and collaboration and in treatment approaches; and

(3) completion of graduate-level, supervised clinical practicum pursuant to K.S.A. 65-5804a(c)(1)(C), and amendments thereto.

(e) Program requirements. In order to be approved by the board, each educational program in professional counseling shall meet the following conditions:

(1) Have established program admission requirements acceptable to the board that are at least partially based upon objective measures or standardized achievement test results;

(2) require an established curriculum that encompasses a minimum of two academic years of graduate study. At least one of the academic years shall include at least 12 semester hours in residency at the college or university granting the degree;

(3) have clear authority and primary responsibility for the core and specialty areas of training in professional counseling;

(4) have an established, organized, and comprehensive sequence of study that is planned by administrators who are responsible for providing an integrated educational experience in professional counseling;

(5) be chaired or directed by an identifiable person who holds a graduate degree that was conferred by a regionally accredited college or university upon that person's actual completion of a formal academic training program in professional counseling;

(6) have an identifiable full-time, professional faculty whose members hold conferred graduate degrees in professional counseling or a related field;

(7) have established and recognized an identifiable body of students who are formally enrolled in the program for a degree;

(8) have clearly identified and established residency requirements that are substantially equivalent to those in Kansas college or university graduate programs in professional counseling;

(9) require an appropriate practicum, internship, field, or laboratory training in professional counseling that integrates didactic learning with supervised clinical experience; and

(10) conduct ongoing, objective review and evaluation of student learning and progress, and report this evaluation in the official student transcripts.

(f) College or university requirements. In order for an applicant to qualify for licensure, the college or university at which the applicant completed the counseling degree requirements shall meet these requirements:

(1) Be institutionally accredited to award the graduate counseling degree;

(2) be regionally accredited, with accreditation standards equivalent to those met by Kansas colleges and universities;

(3) document in official publications, including course catalogs and announcements, the description, standards, and admission requirements of the professional counseling education and training program;

(4) identify and clearly describe in pertinent institutional catalogs the coursework, experiential, and other academic program requirements that must be satisfied before conferral of the graduate degree in counseling;

(5) clearly identify and specify in pertinent institutional catalogs its intent to educate and train professional counselors;

(6) have clearly established as a coherent entity within the college or university a professional counseling education and training program that, at the time the applicant's graduate degree was conferred, met the program standards provided in subsection (e); and

(7) have conferred the graduate degree in counseling upon the applicant's successful completion of an established and required formal program of studies.

(g) The following types of study shall not be substituted for or counted toward the coursework requirements of subsections (a), (b), (c), and (d):

(1) Academic coursework that the applicant completed as a part of or in conjunction with the undergraduate degree requirements;

(2) academic coursework that has been audited rather than graded;

(3) academic coursework for which the applicant received an incomplete or failing grade;

(4) coursework that the board determines is not closely related to the field or practice of counseling;

(5) graduate or postgraduate coursework or training provided by any college, university, institute, or training program that does not meet the requirements of subsections (e) and (f); and

(6) any continuing education, in-service activity, or on-the-job training.

(h) The following types of study may be counted toward the 60 graduate semester hours required under paragraph (a)(2):

(1) No more than six graduate semester hours of independent study that is related to the field or practice of counseling, except that independent study shall not be used to meet the substantive content area requirements specified in subsection (b); and

(2) no more than four graduate semester hours for thesis research and writing. (Authorized by K.S.A. 74-7507; implementing K.S.A. 65-5804a; effective Dec. 19, 1997; amended July 19, 2002; amended Aug. 8, 2003.)

Phyllis Gilmore
Executive Director

Doc. No. 029620

State of Kansas

Board of Barbering
Temporary Administrative
Regulations

Article 4.—ISSUANCE, RENEWAL, REVOCATION
AND SUSPENSION OF CERTIFICATES OF
REGISTRATION

61-4-2. Renewal of licenses. (a) All barber, shop
owner, and instructor licenses shall be renewed on an
alphabetical basis as follows:

(1) Each barber, shop owner, and instructor whose last
name begins with A, B, C, M, N, or O shall renew the
license annually on or after January 1 through March 31.

(2) Each barber, shop owner, and instructor whose last
name begins with D, E, F, P, Q, or R shall renew the li-
cense annually on or after April 1 through June 30.

(3) Each barber, shop owner, and instructor whose last
name begins with G, H, I, S, T, or U shall renew the license
annually on or after July 1 through September 30.

(4) Each barber, shop owner, and instructor whose last
name begins with J, K, L, V, W, X, Y, or Z shall renew the
license annually on or after October 1 through December
31.

(b) Each barber school and college shall renew the li-
cense annually on or before December 31. (Authorized by
K.S.A. 65-1825a; implementing K.S.A. 65-1819; effective,
E-81-37, Dec. 10, 1980; effective May 1, 1981; amended
May 1, 1982; amended May 1, 1983; amended, T-61-7-16-
03, July 16, 2003.)

Article 7.—FEES

61-7-1. Fees. The following fees shall be charged.

(a)(1) Barber student's learning license \$45
(2) Examination of applicant to practice as a barber 75
(3) License to practice as a barber 65
(4) Annual renewal of barber's license 65
(5) Restoration of expired barber's license, if fewer than 30 days
late 25
(6) Restoration of expired barber's license, if the license has been
expired for fewer than three years: fee for each year or part of a
year 30
(7) Applicant's reexamination fee if the barber's license has been
expired for at least three years, upon payment of the regular ex-
amination fee 75
(b)(1) Instructor's license or annual renewal 70
(2) Instructor's examination fee 150
(3) Restoration of expired instructor's license, if the license has
been expired for fewer than three years: fee for each year or part
of a year 30
(4) Instructor's reexamination fee if the license has been expired
for at least three years, upon payment of the regular examination
fee 150
(c)(1) Annual permit to operate a barber school or barber college 450
(2) Issuance of a seminar permit 70
(d)(1) Annual shop license renewal fee 35
(2) License fee for a new shop, relocation, or change of owner-
ship 70
(3) Restoration of expired shop license 50

(Authorized by K.S.A. 65-1825a; implementing K.S.A. 65-
1817, as amended by 2003 HB 2182, sec. 1; effective May
1, 1983; amended, T-61-7-16-03, July 16, 2003.)

H.R. (Rocky) Vacek
Administrator

State of Kansas

Department of Health
and Environment
Permanent Administrative
Regulations

Article 45.—UNDERGROUND HYDROCARBON
STORAGE WELLS AND ASSOCIATED
BRINE PONDS

28-45-2. (Authorized by K.S.A. 65-171d; imple-
menting K.S.A. 65-171d; effective May 1, 1981; amended
May 1, 1984; revoked, T-28-4-1-03, April 1, 2003; revoked
Aug. 8, 2003.)

28-45-2a. Definitions. (a) "Active well" means an
unplugged well that is in service or in monitoring status.

(b) "Applicant" means the operator and the owner re-
questing a permit as specified in this article of regula-
tions. If the operator and the owner are not the same per-
son, the owner and the operator shall jointly submit an
application for a permit.

(c) "Brine" means saline water with a sodium chloride
concentration equal to or greater than 90 percent.

(d) "Brine pond" means the excavated or diked struc-
ture used for the surface containment of brine used in the
creation, maintenance, and operation of an underground
hydrocarbon storage well.

(e) "Cavern" and "storage cavern" mean the storage
space created in a salt formation by solution mining.

(f) "Department" means the Kansas department of
health and environment.

(g) "Director" means the director of the division of en-
vironment of the Kansas department of health and envi-
ronment.

(h) "Draft permit" means a document that is pending
approval by the secretary to be issued as a final permit.

(i) "Existing storage well" means a well authorized or
permitted by the secretary before April 1, 2003.

(j) "Existing brine pond" means a brine pond author-
ized or permitted by the secretary before April 1, 2003.

(k) "Fracture gradient" means the pressure gradient,
measured in pounds per square inch per foot, that will
cause the geological formations to physically fracture.

(l) "Freshwater" means water containing not more than
1,000 milligrams per liter of total dissolved solids.

(m) "Hydrocarbon storage well," "underground hy-
drocarbon storage well," and "storage well" mean a well
used for the injection or withdrawal of hydrocarbon or
liquified petroleum gas into or out of an underground
hydrocarbon storage cavern.

(n) "Licensed geologist" means a geologist licensed to
practice geology in Kansas by the Kansas board of tech-
nical professions.

(o) "Licensed professional engineer" means a profes-
sional engineer licensed to practice engineering in Kansas
by the Kansas board of technical professions.

(p) "Licensed professional land surveyor" means a
professional land surveyor licensed to practice land sur-
veying in Kansas by the Kansas board of technical pro-
fessions.

(q) "Liner" means the casing normally installed within the production casing.

(r) "Liquified petroleum gas" and "LPG" mean by-products or derivatives of oil and gas, including propane, butane, isobutane, and ethane, maintained in a liquid state under pressure.

(s) "Maximum allowable operating pressure" means the maximum pressure authorized by the department and measured at the product side of the wellhead.

(t) "Maximum allowable synthetic membrane liner leakage rate" means a monitored or a calculated leakage rate of 10 percent of the collection and leak return system capacity.

(u) "Maximum operating pressure" means the maximum pressure monitored during a 24-hour period and measured at the product side of the wellhead.

(v) "Monitoring status" means temporary status for a well that has been placed out of service by removing the product and filling the cavern with brine.

(w) "Municipal population center" means an incorporated city.

(x) "Natural gas" means the gaseous form of hydrocarbon consisting primarily of methane.

(y) "Operator" means the person recognized by the secretary as being responsible for the physical operation of an underground hydrocarbon storage facility or a brine pond.

(z) "Owner" means the person owning all or part of any underground hydrocarbon storage facility or brine pond.

(aa) "Permit" means an authorization, license, or equivalent control document issued to the owner and the operator by the secretary.

(bb) "Permit holder," "holder of a permit," and "permittee" mean the owner and the operator issued a permit, as defined in this regulation, by the secretary.

(cc) "Person" means any individual, company, corporation, institution, association, partnership, municipality, township, and local, state, or federal agency.

(dd) "Porosity storage" and "underground porosity storage" mean the storage of hydrocarbon gas in underground porous and permeable strata that have been converted to hydrocarbon gas storage.

(ee) "Pressure gradient" means the ratio of pressure per unit depth expressed as pounds per square inch per foot of depth.

(ff) "Product" means any hydrocarbon, including products and by-products from crude oil, derivatives of oil and gas, and liquefied petroleum gas.

(gg) "Saturated brine" means saline water with a sodium chloride concentration that is equal to or greater than 90 percent.

(hh) "Secretary" means the secretary of the department of health and environment.

(ii) "Solutioning" means the process of injecting fluid into a well to dissolve salt or any other readily soluble rock or mineral.

(jj) "Supervisory control and data acquisition" means an automated surveillance system in which the monitoring and control of storage activities are accomplished at a central or remote location.

(kk) "Underground hydrocarbon storage cavern" means the storage of any hydrocarbon, including liquid petroleum gas and excluding natural gas, in caverns formed by solutioning in bedded salt.

(ll) "Underground hydrocarbon storage facility" and "facility" mean the acreage associated with the storage field with facility boundaries approved by the secretary. This term shall include the brine ponds, wells, wellbore tubular goods, the wellhead, and any related equipment, including any appurtenances associated with the well field.

(mm) "Unsaturated brine" means saline water with a sodium chloride concentration less than 90 percent.

(nn) "Usable water formation" means an aquifer or any portion of the aquifer that meets any of the following criteria:

- (1) Supplies any public water system;
- (2) contains a supply of groundwater that is sufficient to supply a public water system and that currently supplies drinking water for human consumption; or
- (3) contains fewer than 10,000 mg/L total dissolved solids and is not an exempted aquifer.

(oo) "Variance" means the secretary's written approval authorizing an alternative action to the requirements of these regulations or the standards adopted by these regulations and incorporated into the temporary or final permit. (Authorized by K.S.A. 65-171d; implementing K.S.A. 65-171d and K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-3. (Authorized by and implementing K.S.A. 65-171d; effective, May 1, 1981; revoked, T-28-4-1-03, April 1, 2003; revoked Aug. 8, 2003.)

28-45-3a. Permit required. (a) No person shall create, operate, or maintain an underground storage well for liquified petroleum gas or hydrocarbon in bedded salt without obtaining a permit from the secretary. The requirements for permit issuance shall be as follows:

(1) Each operator and owner of an existing underground hydrocarbon storage facility shall initially obtain a temporary facility permit as specified in K.A.R. 28-45-5a.

(2) Each operator and owner of an existing underground storage well shall obtain a final permit as specified in K.A.R. 28-45-6a.

(3) The existing permit or authorization for the underground hydrocarbon storage facility shall remain in effect until a temporary facility permit is issued.

(4) The storage of liquified hydrocarbons in caverns constructed in any rock formations other than bedded salt shall be prohibited.

(b) A variance may be granted by the secretary if both of the following conditions are met:

(1) The variance is protective of public health, safety, and the environment.

(2) The applicant or permittee agrees to perform any additional testing, monitoring, or well improvements, or any combination, if required by the secretary.

(c) Each applicant or permittee seeking a variance shall submit a written request, including justification for the variance and any supporting data, to the secretary for

(continued)

review and consideration for approval. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-4. (Authorized by and implementing K.S.A. 65-171d; effective May 1, 1981; revoked, T-28-4-1-03, April 1, 2003; revoked Aug. 8, 2003.)

28-45-4a. Well conversions and reentry. (a) The conversion of an existing well to underground hydrocarbon storage shall be prohibited if the well was not originally designed for hydrocarbon storage, unless the secretary determines that the conversion is protective of public health, safety, and the environment.

(b) The conversion of an underground hydrocarbon storage well for other purposes shall be prohibited, unless the secretary determines that the conversion is protective of public health, safety, and the environment.

(c) The reentry of a plugged liquified petroleum gas or hydrocarbon storage well for the purpose of reactivating activities associated with the underground storage of natural gas, liquified petroleum gas, or liquid hydrocarbons shall be prohibited.

(d) A permittee may convert an unplugged underground hydrocarbon storage well to monitoring status if the following requirements are met:

(1) Each permittee shall verify the integrity of the storage well and cavern by conducting a mechanical integrity test before converting the well to monitoring status.

(2) Each permittee shall run a gamma-density log to verify the roof thickness prior to converting the well to monitoring status.

(3) Each permittee shall meet the requirements specified in the department's document titled "procedure for converting a hydrocarbon storage well to monitoring status, procedure #:UICLPG-4," dated June 2003, which is hereby adopted by reference.

(4) Each permittee of an underground storage cavern that is in monitoring status shall conduct a casing inspection evaluation before placing the cavern into service if a casing evaluation has not been conducted in the last five years. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-5. (Authorized by and implementing K.S.A. 65-171d; effective May 1, 1981; revoked, T-28-4-1-03, April 1, 2003; revoked Aug. 8, 2003.)

28-45-5a. Temporary facility permit. (a) Each operator and owner of an existing underground hydrocarbon storage facility shall be required to have a temporary facility permit issued by the secretary.

(b) The temporary facility permit shall supersede any authorization or permit previously issued by the secretary.

(c) Each temporary facility permit application shall include the following information:

(1) The name and location of the facility;

(2) a site map of the facility showing the following:

(A) The facility boundaries and the location and well number of each well, including storage, observation, disposal, and any abandoned wells; and

(B) the location of buildings, roads, railways, right-of-ways, utilities, and any other appurtenances;

(3) the following information for each cavern:

(A) The depth of the top of the salt formation;

(B) the depth of the top of the underground storage cavern;

(C) the total depth of the underground storage cavern;

(D) a schematic of the well construction;

(E) the storage capacity;

(F) the type of product stored;

(G) the operating pressures; and

(H) a list of dates on which the required tests, logs, or monitoring reports for each underground hydrocarbon storage well were completed; and

(4) a list of requests for variances from the requirements of this article of regulations.

(d) Each applicant shall submit a compliance schedule with the temporary facility permit application, subject to the approval of the secretary, for conducting sonar surveys, integrity tests, and casing evaluations and for the installation of equipment. The compliance schedule shall be incorporated into the permit and may be modified as specified in K.A.R. 28-45-8a. The following requirements shall apply:

(1) The modification or installation of equipment associated with the wellhead, storage well, storage well system, or storage cavern shall be completed within five years after April 1, 2003 for existing underground hydrocarbon storage wells.

(2) A sonar survey shall be conducted for each underground hydrocarbon storage cavern. The following requirements shall apply:

(A) A sonar survey shall be conducted within five years after April 1, 2003 for any underground hydrocarbon storage cavern that does not have a sonar survey or that had a sonar survey conducted before January 1, 1998.

(B) A sonar survey shall be conducted within 10 years after April 1, 2003 for any underground hydrocarbon storage cavern that had a sonar survey conducted on or after January 1, 1998.

(3) A mechanical integrity test and a casing inspection evaluation for each underground hydrocarbon storage well shall initially be conducted within seven years after April 1, 2003.

(e) Each temporary permittee for an underground hydrocarbon storage facility either shall be required to have a final permit for each underground hydrocarbon storage well within five years after April 1, 2003 or shall cease well operations and shall comply with abandonment and plugging requirements as specified in K.A.R. 28-45-20. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-6. (Authorized by K.S.A. 65-171d; implementing K.S.A. 65-171d; effective May 1, 1981; amended May 1, 1984; revoked, T-28-4-1-03, April 1, 2003; revoked Aug. 8, 2003.)

28-45-6a. Final permit. (a) Each applicant shall submit a completed application for a final permit for each existing underground hydrocarbon storage well to the

secretary, on a form furnished by the department, within three years after April 1, 2003.

(b) Each applicant who wishes to construct an underground hydrocarbon storage well shall submit a completed application to the secretary, on a form furnished by the department, at least 180 days before the proposed commencement date for the construction of the new underground hydrocarbon storage well. Well construction shall not begin until the secretary has issued the final permit.

(c) Upon review of each application, one of the following shall be issued by the secretary:

(1) A final permit, if the application is approved; or

(2) a notice that the final permit has been denied if the applicant has not complied with the requirements of this article of regulations. The notice shall include justification for the permit denial.

(d) Each temporary permit shall terminate on the effective date of the final permit.

(e) Each application for a final permit shall include a report prepared by a licensed geologist and shall include the following:

(1) An evaluation of the geology and hydrogeology, including cross-sections, isopach and structure maps of the salt formation, and water-level or potentiometric maps;

(2) a regional stratigraphic evaluation;

(3) local and regional structural analyses, including maps, cross-sections, and available geophysical data;

(4) a flood assessment identifying floodplain and flood-prone areas, including the following:

(A) Flood response procedures; and

(B) design criteria for the well and facility equipment; and

(5) an assessment of the potential for ground subsidence.

(f) Each applicant shall submit the following information with the application:

(1) A plan view map showing locations of all water, solution-mining, monitoring, disposal, injection, oil, and gas wells within a one-mile perimeter of the facility's boundary; and

(2) a plan view map of man-made surface structures and activities within a one-mile perimeter of the facility's boundary.

(g) Each permittee of an underground storage well shall submit a compliance audit every 10 years, on a form furnished by the department, for review and consideration for approval for the continued operation of the underground hydrocarbon storage well.

(h) Each permittee shall submit a sample log of well cuttings from any new well drilled at the facility, including new underground hydrocarbon storage wells, monitoring wells, and stratigraphic test holes.

(1) Cuttings shall be collected at 10-foot intervals from surface to total well depth or at an interval approved by the department.

(2) Well cuttings shall be collected, described and logged as specified in the department's document titled "procedure for sample logging, procedure #: UICLPG-9," dated July 2002, which is hereby adopted by reference.

(3) The collection of cuttings shall be supervised by a licensed geologist or a licensed geologist's designee.

(4) The description and logging of the sample cuttings shall be performed by a licensed geologist.

(5) Each permittee shall submit a sample log and a dry sample set to the department within 45 days after the completion of the well.

(i) Each permittee shall provide a minimum of one core from each facility. The following provisions shall apply:

(1) Each permittee shall submit a plan describing the coring interval, coring procedures, and core testing to the secretary for review and consideration for approval, at least 60 days before the coring event.

(2) Each permittee shall make the core available for inspection upon request by the secretary.

(3) Any permittee may submit existing core data if the secretary determines that the core is representative of the geology of the area.

(j) Each permittee shall submit a water analysis for any water-bearing formation encountered in drilling a new monitoring well. The water shall be analyzed for the following parameters:

(1) Chloride;

(2) total dissolved solids; and

(3) any parameter that the secretary determines could pose a potential threat to public health, safety, and the environment.

(k) Each permittee shall ensure that the stored hydrocarbons, formation water, lithology, and substances used in the solutioning of the storage caverns are compatible.

(l) Each permittee shall submit open-hole logs for any new underground hydrocarbon storage well. The logging interval shall be from the surface to 100 feet below the top of the salt section. At a minimum, the following logs shall be run:

(1) A gamma ray log;

(2) a neutron log if the source is registered in Kansas, or a sonic log;

(3) a density log; and

(4) a caliper log.

(m) Any permittee may use an alternative log if the secretary determines that the alternative log is substantially equivalent to one of the logs specified in subsection (l). The permittee shall submit the following information:

(1) A description of the log and the theory of operation for that log;

(2) a description of the field conditions under which the log can be used;

(3) the procedure for interpreting the log; and

(4) an interpretation of the log upon completion of the logging event.

(n) Each permittee of a new underground hydrocarbon storage cavern shall maintain a minimum salt roof thickness of 100 feet above the washed storage cavern.

(o) Each permittee of an existing underground hydrocarbon storage cavern with a salt roof thickness greater than 50 feet but less than 100 feet shall meet the following provisions:

(1) Each permittee shall use only saturated brine to displace product.

(continued)

(2) The permittee shall submit a schedule for monitoring brine salinity.

(3) The salt roof thickness shall be monitored with gamma ray and density logs, or any other log specified in subsection (m), every three years.

(4) Additional information, including a geomechanical study from core analysis, may be requested by the secretary to verify the integrity of the salt roof.

(p) Underground hydrocarbon storage caverns with a salt roof thickness of 50 feet or less shall be prohibited.

(q) Underground communication between underground hydrocarbon storage caverns in the upper 50 feet of the salt formation shall be prohibited.

(r) Underground communication between underground hydrocarbon storage caverns below the upper 50 feet of the salt formation shall be prohibited, unless the secretary determines that the communication is protective of public health, safety, and the environment. The permittee shall submit the following:

(1) A sonar survey for each cavern that is in communication with another cavern; and

(2) a plan describing the monitoring and testing that the permittee will conduct to ensure that the integrity of the underground hydrocarbon storage wells and caverns will be maintained.

(s) The horizontal distance separating new underground hydrocarbon storage caverns shall be at least 100 feet between cavern boundaries.

(t) Any existing underground hydrocarbon storage cavern with horizontal separation less than 100 feet may operate if the following requirements are met:

(1) Each permittee shall submit a justification for each existing underground hydrocarbon storage cavern with horizontal separation less than 100 feet. The following requirements shall apply:

(A) The justification shall include spacing-to-diameter ratios, cavern pressure differentials, and analyses of cavern shape, size, and depth.

(B) The horizontal spacing shall be reevaluated every five years.

(2) Horizontal spacing of less than 50 feet between caverns shall be prohibited.

(u) The maximum horizontal diameter of each cavern shall not exceed 300 feet.

(v) Each permittee shall ensure the integrity of the underground hydrocarbon storage wellhead, casing, and storage cavern before commissioning any new storage cavern into service. Storage operations may commence when the following requirements are met:

(1) Each permittee shall submit a notice of completion of construction on a form furnished by the department.

(2) Each new storage well shall be inspected by the secretary before storage operations commence. If the well fails the inspection, the permittee shall not commence storage operations. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-7. (Authorized by and implementing K.S.A. 65-171d; effective May 1, 1981; revoked, T-28-4-1-03, April 1, 2003; revoked Aug. 8, 2003.)

28-45-7a. Public notice. (a) Public notice shall be given by the secretary for any of the following permit actions:

(1) Any final permit application for an underground hydrocarbon storage well;

(2) any modifications that require a draft permit as specified in K.A.R. 28-45-8a;

(3) any modifications for an existing facility as specified in K.A.R. 28-45-8a;

(4) the denial of a permit; or

(5) a scheduled hearing.

(b) Public notice and, if applicable, a copy of the draft permit shall be mailed or electronically mailed by the department to the permit applicant.

(c) The public notice shall be mailed by the department to the following:

(1) Any person who submits a written request for placement on the mailing list;

(2) the official county newspaper of each county in which the lands affected by the application are located, for publication in at least two issues; and

(3) the Kansas register.

(d) The public notice shall include the following information:

(1) The name and address of the department processing the permit action for which the notice is being given;

(2) the name and address of the person or company seeking the permit;

(3) a brief description of the business conducted at the facility or the activity described in the permit application;

(4) the name, address, and telephone number of the departmental contact whom interested persons may contact for further information, including copies of the application, draft permit, or any other appropriate information;

(5) a brief description of the comment procedures for public notice; and

(6) a statement of the procedure to request a hearing and other procedures that allow public participation in the final permit decision.

(e) Any interested person may submit written comments to the secretary on any permit action during the 30-day public comment period. The following requirements shall apply:

(1) All comments shall be submitted by the close of the public comment period.

(2) All supporting materials submitted shall be included in full and shall not be incorporated by reference, unless the supporting materials are any of the following:

(A) Part of the administrative record in the same proceeding;

(B) state or federal statutes and regulations;

(C) state or environmental protection agency documents of general applicability; or

(D) other generally available reference materials.

(3) Commentators shall make supporting materials not already included in the administrative record available to the secretary.

(f) The response to all significant comments concerning any permit actions and the reasons for changing any provisions in the draft permit shall be issued when the final permit decision is issued.

(g) The response to comments shall be made available to the public upon request. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-8. (Authorized by and implementing K.S.A. 65-171d; effective May 1, 1981; revoked, T-28-4-1-03, April 1, 2003; revoked Aug. 8, 2003.)

28-45-8a. Modification and transfer of a temporary or a final permit. (a) The automatic transfer of a temporary or final permit shall be prohibited. The requirements for each permit transfer shall be as follows:

(1) Each person requesting a permit transfer shall submit a completed application to the secretary at least 60 days before the effective date of the proposed transfer.

(2) Each owner and each operator shall comply with the conditions of the existing permit until the secretary reissues the permit.

(b) Any temporary or final permit for an underground hydrocarbon storage well may be modified by the secretary under any of the following conditions:

(1) The secretary receives information that was not available when the permit was issued.

(2) The secretary receives a request for the modification of a permit.

(3) The secretary conducts a review of the permit file and determines that a modification is necessary.

(c) Only the permit actions subject to modification shall be reopened.

(d) Minor modifications that shall not require public notification include the following, except as otherwise specified:

(1) Correction of typographical errors;

(2) requirements for more frequent monitoring or reporting by the permittee;

(3) a date change in a schedule of compliance;

(4) a change in ownership or operational control of the facility, unless the secretary determines that public notification is necessary to protect the public interest;

(5) a change in construction requirements, if the secretary determines that the change is protective of public health, safety, and the environment; and

(6) any amendments to a facility plugging plan.

(e) A draft permit and notification to the public shall be required if any of the following conditions is met:

(1) A permittee proposes substantial alterations or additions to the facility or proposes an activity that justifies a change in the permit requirements, including cumulative effects on public health, safety, or the environment.

(2) Information has become available that would have initially justified different permit requirements.

(3) Standards of regulations on which the permit was based have changed due to the promulgation of new or amended standards or due to a judicial decision after the permit was issued.

(f) Any permittee may request a permit modification within 180 days after any of the following:

(1) The adoption of new regulations or standards;

(2) any deadline to achieve compliance with regulations or standards before the expiration date of the permit; or

(3) any judicial remand and stay of a promulgated regulation if the permit requirement was based on the remanded regulation. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-9. (Authorized by K.S.A. 65-171d; implementing K.S.A. 65-171d; effective May 1, 1981; amended May 1, 1984; revoked, T-28-4-1-03, April 1, 2003; revoked Aug. 8, 2003.)

28-45-9a. Signatories for permit applications and reports. (a) Each permittee of an existing storage well and each applicant for a permit for a proposed storage well shall designate signatories to sign the permit applications and all reports required by the secretary.

(b) Positions that may be approved by the secretary to be signatories shall be the following:

(1) Plant or operations manager;

(2) cavern specialist;

(3) superintendent; and

(4) a position with responsibility at least equivalent to that required by the positions listed in this subsection.

(c) Any signatory may submit written notification to the secretary specifying a position having responsibility for the overall operation of the regulated facility or activity to act as a designated signatory.

(d) Each signatory and each signatory's designee shall submit a signature statement, on a form furnished by the department, to the secretary with the temporary and the final permit applications. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-10. (Authorized by and implementing K.S.A. 65-171d; effective May 1, 1981; revoked, T-28-4-1-03, April 1, 2003; revoked Aug. 8, 2003.)

28-45-10a. Siting requirements for new underground hydrocarbon storage wells and facilities. (a) Each applicant shall assess the geographical, topographical, and physical data for any proposed underground hydrocarbon storage well location to determine whether siting requirements have been met. The following siting requirements shall be met:

(1) Each new underground storage facility shall be located at least three miles from the established boundaries of municipal population centers.

(2) Each proposed new facility or boundary expansion for an existing facility shall be located as follows:

(A) Not less than five miles from an active or abandoned conventional shaft mining operation; and

(B) not less than two miles from the facility's boundary of any solution mining operation.

(3) Each applicant shall assess the extent and nature of current or past conventional subsurface mining activities within five miles of the underground hydrocarbon storage facility's boundary to determine any potential impact to public health, safety, or the environment resulting from the proposed activities at the facility.

(4) Each applicant shall identify and assess all wells, including abandoned wells, from available sources of in-

(continued)

formation, within a one-mile perimeter of the facility's boundary to determine if the following conditions exist:

(A) The wells have been constructed in a manner to protect public health, property, and the environment.

(B) The abandoned wells, including water, oil, gas, monitoring, and underground storage wells, have been properly plugged.

(b) Each applicant shall conduct a regional geological and evaluation to determine if the integrity of the proposed storage cavern will be adversely affected by either of the following:

- (1) Salt thinning due to any stratigraphic change; or
- (2) a dissolution zone in the bedded salt.

(c) Each applicant shall determine if the facility's location is in a floodplain or flood-prone area.

(d) No new underground hydrocarbon storage facility's boundary or the expansion of an existing facility's boundary shall be located less than one mile from any existing underground porosity storage facility.

(e) Each applicant shall identify potential risks to the storage operation from activities conducted at adjacent facilities.

(f) Each applicant shall identify all utilities having a right-of-way, including pipeline, railway, roadway, and electrical lines, and shall assess the potential impact of the utilities on the location or operation of the facility. If a facility is exposed and subject to hazards, including vehicular traffic, railroads, electrical power lines, and aircraft or shipping traffic, the facility shall be protected from accidental damage, by distance or barricades.

(g) No outer boundary of an underground hydrocarbon storage cavern shall be less than 100 feet from any of the following:

- (1) The property boundary of any owners who have not consented to subsurface storage under their property;
- (2) any existing surface structure not owned by the facility's owner; or
- (3) any public transportation artery. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-11. (Authorized by and implementing K.S.A. 1984 Supp. 65-171d; effective, T-85-7, Feb. 15, 1984; effective May 1, 1984; amended May 1, 1985; revoked, T-28-4-1-03, April 1, 2003; revoked Aug. 8, 2003.)

28-45-11a. Financial assurance for underground hydrocarbon storage facility closure. (a) Each permittee of an underground hydrocarbon storage facility shall establish financial assurance for the following:

- (1) Closure of the facility; and
- (2) the plugging of any hydrocarbon storage well.

(b)(1) Each permittee of an existing underground hydrocarbon storage well shall submit proof of financial assurance to the secretary before April 1, 2004 and, thereafter, annually on or before January 31 of each year. Each applicant for a permit for a new underground hydrocarbon storage well shall submit proof of financial assurance with the final permit application and, thereafter, annually on or before January 31 of each year.

(2) Each permittee and each applicant shall meet the following requirements:

(A) Submit a detailed written estimate, in current dollars, of the cost to close all underground storage wells and storage caverns at the facility following the closure procedures specified in K.A.R. 28-45-20. The estimate shall be reviewed and approved by a licensed professional engineer or licensed geologist;

(B) prepare an estimate of the closure cost for all storage wells and storage caverns at the facility based on the cost charged by a third party to plug the underground storage wells; and

(C) increase the closure cost estimate and the amount of financial assurance provided if any change in the facility operation or closure plan increases the maximum cost of closure at any time.

(c) Each permittee shall provide continuous financial assurance coverage for closure until the secretary approves the facility closure.

(d) Each permittee shall comply with the provisions of the department's document titled "procedure for demonstrating financial assurance for an underground hydrocarbon storage well, procedure #: UICLPG-6," dated March 2003, which is hereby adopted by reference. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-12. Operations and maintenance plan. (a) Each permittee of an underground hydrocarbon storage facility shall submit a plan for the long-term operation and maintenance of the facility with the final permit application.

(b) Each operation and maintenance plan shall include the following information:

- (1) A description of the methods to be used to prevent the overpressuring of wells and storage caverns;
- (2) a plan view map of the location of any disposal wells and corrosion control wells; and
- (3) the location, depth, and well construction for all shallow and deep groundwater monitoring and observation wells.

(c) Each permittee shall maintain at the facility and make available for inspection by the secretary the following information:

- (1) A location map of all wells within the facility's boundaries and a listing of the global positioning system coordinates for each well;
- (2) a schematic of the brine and product lines for each cavern; and

(3) a schematic of the gathering line system that connects all wells within the underground hydrocarbon storage facility to a central distribution point.

(d) Each permittee shall submit a plan for solutioning or washing any cavern to the secretary for review and consideration for approval. The plan shall include the following:

- (1) A list of acceptable blanket pad materials;
- (2) methods for monitoring the solutioning or washing process; and
- (3) a monitoring schedule.

(e) Only saturated brine shall be used to displace any product.

(f) The maximum allowable operating pressure and test pressure shall not exceed 0.8 pounds per square inch per

foot of depth measured at the higher elevation of either the casing seat or the highest interior elevation of the storage cavern roof. The following requirements shall apply:

(1) A maximum allowable operating pressure exceeding 0.75 pounds per square inch per foot of depth shall be prohibited unless the following conditions are met:

(A) Each permittee submits a justification to the department for exceeding a maximum allowable operating pressure of 0.75 pounds per square inch per foot of depth.

(B) The well is equipped with a continuous pressure-monitoring system, and a pressure history can be maintained.

(2) The underground hydrocarbon storage cavern shall not be subjected to pressures in excess of the maximum allowable operating pressure, including pressure pulsations and abnormal operating conditions.

(g) Each permittee shall maintain a minimum operating pressure that is protective of cavern integrity at each underground hydrocarbon storage well.

(h) Each permittee shall meet the notification requirements in the facility's emergency response plan, give oral notification to the department within two hours, and submit written notification within one week to the department if any of the following events occurs:

(1) The overpressuring or the overfilling of an underground hydrocarbon storage cavern;

(2) the loss of integrity for an underground hydrocarbon storage well or cavern;

(3) the release of brine, product, or any other chemical parameter that poses a threat to public health, safety, or the environment;

(4) any uncontrolled or unanticipated loss of product or brine that is detectable by any monitoring or testing;

(5) any other condition that could endanger public health, safety, or the environment;

(6) the establishment of communication between underground hydrocarbon storage caverns;

(7) the triggering of any alarms verifying that the permit safety requirements have been exceeded; or

(8) any equipment malfunction or failure that could result in potential harm to public health, safety, or the environment.

(i) Each permittee shall notify the secretary of any change in the type of product stored in any underground hydrocarbon storage cavern and shall certify that the compatibility of product types and the effect of pressure changes will not adversely affect the wellhead, casing, tubing, and cavern. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-13. Emergency response plan and safety and security measures. (a) Each permittee of an existing underground hydrocarbon storage facility and each applicant who wishes to operate a facility shall prepare an emergency response plan. The following requirements shall apply:

(1) Each permittee of an existing underground storage facility shall maintain the emergency response plan at the facility before April 1, 2004 and shall make the plan available for inspection by the secretary.

(2) Each applicant for a final permit for a new underground hydrocarbon storage facility shall make the emer-

gency response plan available for inspection by the secretary when the final permit application is submitted to the department.

(b) Each permittee shall update the plan annually and also shall update the plan whenever new information regarding the requirements for the emergency response plan becomes available.

(c) Each plan shall include a description of the facility's response to the following events:

(1) Spills and releases;

(2) fires and explosions;

(3) cavern subsidence and collapse; and

(4) any other activity that endangers public health and safety, or that constitutes a threat to the environment.

(d) Each plan shall include the following information:

(1) A description of the warning systems in operation at the facility;

(2) a description of the facility's emergency response communication system that includes the following:

(A) A plat showing the location of all occupied buildings within a two-mile perimeter of the facility's boundaries; and

(B) a list of addresses and telephone numbers for all persons to contact within a two-mile perimeter of the facility's boundaries if a release or emergency condition occurs;

(3) the procedures for coordination of emergency response with local emergency planning committees, including emergency notification and evacuation of citizens and employees;

(4) a description of employee training for emergency response;

(5) a plat of the facility, showing the following locations:

(A) All hydrocarbon storage wells;

(B) all underground injection control wells;

(C) all monitoring wells;

(D) all brine and product lines;

(E) railroad and transportation routes;

(F) brine ponds; and

(G) any other appurtenances at the facility; and

(6) a plan map of man-made surface structures and any construction activities within a one-mile perimeter of the facility's boundaries.

(e) A copy of the plan shall be available at the facility, the company headquarters, and any coordinating agencies or committees involved in the emergency response plan.

(f) Each permittee shall establish an educational program for community safety and awareness of the emergency response plan.

(g) Each permittee of an underground hydrocarbon storage facility shall provide security measures to protect the public and to prevent unauthorized access. These security measures shall include the following:

(1) Methods for securing the facility from unauthorized entry and for providing a convenient opportunity for escape to a place of safety;

(2) clearly visible, permanent signs at all points of entry and along the facility's boundary, identifying the well or

(continued)

storage facility name, owner, and contact telephone number;

(3) security lighting;

(4) alarm systems;

(5) appropriate warning signs in areas that could contain accumulations of hazardous or noxious vapors or where physical hazards exist; and

(6) a direct communication link with the local control room or any remote control center for service and maintenance crews.

(h) Warning systems and alarms shall consist of the following:

(1) Combustible gas detectors, heat sensors, pressure sensors, and emergency shutdown instrumentation integrated with warning systems audible and visible in the local control room and at any remote control center;

(2) circuitry designed so that the failure of a detector or heat sensor, excluding meltdown and fused devices, will activate the warning; and

(3) a manually operated alarm, audible to facility personnel.

(i) Each wellhead and storage cavern shall be protected with safety devices to prevent pressures in excess of the maximum allowable operating pressure from being exerted on the underground hydrocarbon storage well or cavern and to prevent the backflow of any stored hydrocarbon if a flowline ruptures.

(j) Each wellhead shall be equipped with manual isolation valves. Each port on a wellhead shall be equipped with either a valve or a blind flange. The valve or blind flange shall be rated at the same pressure as that for the wellhead.

(k) Each permittee shall install a supervisory control and data acquisition system approved by the secretary to monitor storage operations for individual storage wells. Each of the following instruments shall be connected to an alarm:

(1) Flow indicators for hydrocarbon;

(2) combustible gas detection indicators; and

(3) pressure indicators on both the product and brine lines of the wellhead.

(l) Each permittee shall install emergency shutdown valves on all hydrocarbon, brine, and water lines. Criteria for emergency shutdown valves shall include the following:

(1) (A) Be rated at least equivalent to 125% of the maximum pressure that could be exerted at the surface; or

(B) meet a pressure-rating standard equivalent to that specified to that in paragraph (l)(1)(A) and determined by the secretary to be protective of public health, safety, and the environment;

(2) fail to the closed position;

(3) be capable of remote and local operation; and

(4) be activated by the following:

(A) Overpressuring;

(B) underpressuring; and

(C) gas and heat detection.

(m) Each permittee shall conduct annual inspections of all wellhead instrumentation.

(n) Each permittee shall function-test each critical control system and emergency shutdown valve semiannually.

(o) Each permittee shall perform trip-testing of each loop, including the instrumentation, valves, shutdown equipment, and all wiring connections, to ensure the integrity of the circuit.

(p) Each permittee shall ensure that the equipment automatically closes all inlets and outlets to the storage cavern and safely shuts down or diverts any operation associated with the storage cavern, in case of overfilling or an emergency.

(q) Each permittee shall ensure that the automatic valve closure times meet the valve design limits for closure times.

(r) Each permittee shall cease operations or shall comply with the instructions from the secretary if the secretary determines that an imminent threat to public health, safety, or the environment exists due to any unsafe operating condition. The permittee may resume operations if the secretary determines that the facility's operations no longer pose a risk to public health, safety, or the environment. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-14. Design and construction of underground hydrocarbon storage wells. (a) Each permittee shall ensure that each underground hydrocarbon storage well is constructed with surface casing. The following requirements shall apply:

(1) The surface casing shall be set through all fresh and usable water formations and into competent bedrock.

(2) The surface casing shall be cemented by circulating cement through the bottom of the casing to the surface.

(3) The annular space between the casing and the formation shall be filled with cement.

(b) Each permittee of any existing underground hydrocarbon storage well without a surface casing shall perform the following:

(1) Verify the integrity of the existing casing with a casing inspection tool specified in K.A.R. 28-45-16; and

(2) (A) Provide double protection by installing either of the following:

(i) An intermediate casing and a production casing; or

(ii) a production casing with a tubing and packer assembly; or

(B) plug the well if double protection cannot be provided.

(c) Each permittee of a new underground hydrocarbon storage well shall install double casing protection with an intermediate casing and a production casing set into the upper part of the salt formation. The following provisions shall apply:

(1) The intermediate casing shall extend a minimum of 105 feet into the salt formation. The production casing shall extend at least to the depth of the intermediate casing.

(2) The annular space between the intermediate and production casings and between the intermediate casing and formation shall be filled with cement by circulating cement through the bottom of the casing to the surface.

(3) A tubing and mechanical packer assembly may be installed with the production casing as an alternative to the use of cemented intermediate and production casings.

(d) Each permittee of an existing underground hydrocarbon storage well that does not have double casing protection shall enhance casing monitoring by providing a casing inspection evaluation as specified in K.A.R. 28-45-16.

(e) The casing and tubing shall meet the performance standards for collapse resistance, internal yield pressure, and pipe body yield strength for the well's setting depths using criteria specified in the American petroleum institute's bulletin 5C2, twenty-first edition, dated October 1999, which is hereby adopted by reference.

(f) The brine tubing in each underground hydrocarbon storage well shall have a weep hole located a minimum of one foot above the bottom of the brine tubing. The following requirements shall apply:

(1) The brine tubing in a new underground hydrocarbon storage well shall have a weep hole before storage operations begin.

(2) The weep hole shall be added to the brine tubing in an existing underground hydrocarbon storage well when the brine tubing is pulled for any well work.

(g) Only new steel casing shall be installed in a new underground hydrocarbon storage well. Used parts, materials, and equipment that have been tested and certified for continued service may be used for repairs.

(h) Liners shall extend from the surface to a depth near the bottom of the production casing that allows room for workover operations.

(i) The following cementing requirements shall be met:

(1) The cement shall be compatible with the rock formation water and the drilling fluids. Salt-saturated cement shall be used when cementing through the salt section.

(2) The cement across the confining zone and to the surface shall have a compressive strength of not less than 1,000 pounds per square inch.

(3) Remedial cementing shall be completed if there is evidence of either of the following:

(A) Communication between the confining zone and other horizons; or

(B) annular voids that would allow either fluid contact with the casing or channeling across the confining zone or above the confining zone.

(4) The following requirements for cement evaluation shall apply:

(A) Samples shall be obtained at the start and end of the cementing operation for evaluation of cement properties. All cement samples collected shall be representative of the cement being utilized.

(B) All samples shall be tested for compressive strength.

(C) A cement bond log shall be run on the surface casing, intermediate casing, and cemented production casing after the neat cement has cured for a minimum of 72 hours.

(j) Casing patches shall be prohibited, unless the secretary determines that the use of casing patches is protective of public health, safety, and the environment. The following requirements shall apply:

(1) Each permittee shall submit a plan for the installation of the casing patch to the secretary.

(2) Each permittee shall meet the requirements specified in the department's document titled "procedure for internal casing repair, procedure #: UICLPG-12," dated February 2003, which is hereby adopted by reference.

(k) Each permittee shall pressure-test each production casing for leaks when the well construction is completed.

(l) Each permittee shall submit a casing inspection base log for the entire cased interval for the innermost casing string or for the cemented liner that extends the entire length of the casing after the well construction is completed.

(m) Each permittee shall contain, in a tank, all workover wastes, drilling fluids, drilling mud, and drill cuttings from any drilling operation or workover. Drilling fluids, drilling mud, and drill cuttings shall be disposed of in a manner determined by the secretary to be protective of public health, safety, and the environment.

(n) A licensed professional engineer or a licensed geologist, or the licensed professional engineer's or licensed geologist's designee, shall supervise the installation of each underground hydrocarbon storage well.

(o) Each permittee shall install and maintain a corrosion control system. The following requirements shall apply:

(1) The corrosion control system shall be capable of protecting the well casings.

(2) The corrosion control system shall be assessed according to the protocol and time schedule recommended by the corrosion control system manufacturer, and the results shall be reported to the secretary. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-15. Monitoring. (a) Each permittee shall install pressure sensors to continuously monitor wellhead pressures for both the product and brine sides of the wellhead for each underground hydrocarbon storage well. The following requirements shall apply:

(1) The pressure sensor shall be capable of recording the maximum and minimum operating pressures during a 24-hour period.

(2) The pressure sensor shall be capable of recording operating pressures at an interval approved by the secretary.

(3) Each permittee shall provide pressure data, including historic continuous monitoring, to the secretary upon request.

(4) Each underground hydrocarbon storage well shall have pressure gauges on both the product and brine sides at the wellhead, until continuous monitoring pressure sensors are installed.

(b) Each permittee of an underground hydrocarbon well equipped with a production casing with a tubing and packer assembly shall monitor the annular space. Each permittee shall submit the following to the secretary for review and consideration for approval:

(1) A diagram of the well construction; and

(2) a plan for monitoring the annulus that includes the following:

(A) A diagram of the instrumentation for monitoring the annular pressure and fluid levels;

(continued)

(B) a description of how the annular pressure and fluid levels will be recorded; and

(C) a description of, and justification for, the testing methods to demonstrate the mechanical integrity of the system.

(c) Each permittee shall submit a plan for any monitoring activity, including logging and sonar surveys, to the secretary for review and consideration for approval to ensure the protection of public health, safety, and the environment, at least 60 days before the commencement of these monitoring activities.

(d) Each permittee shall submit a summary and the results of the monitoring activity to the secretary within 30 days after completion of the monitoring activity.

(e) Each permittee shall monitor the thickness of the salt roof for each cavern with a gamma ray log and a density log, or with another log as specified in K.A.R. 28-45-6a (m), as follows:

(1) Every five years;

(2) every three years, if the cavern meets criteria specified in K.A.R. 28-45-6a;

(3) at any time that the secretary determines that cavern integrity is suspect; and

(4) before plugging the well.

(f) Each permittee shall monitor the cavern storage capacity and the cavern geometry with a sonar survey. The sonar survey shall be conducted as follows:

(1) Before placing the underground hydrocarbon storage cavern in service;

(2) every 10 years;

(3) for determining the stability of the cavern and the overburden if the salt roof thickness and cavern geometry indicate that the stability of the cavern or overburden is at risk;

(4) after any growth of the cavern that results in a solution volume increase of 20 percent or more of cavern capacity; and

(5) before plugging the well if a sonar survey has not been run in the past five years.

(g) Any permittee may use an alternative method for the sonar survey if the secretary determines that the alternative method is substantially equivalent to the method specified in subsection (f). The permittee shall submit the following information for the secretary's consideration:

(1) A description of the proposed method and the theory for its operation;

(2) a description of the storage well and cavern conditions under which the log can be used;

(3) the procedure for interpreting the survey results; and

(4) an assessment of the capacity and stability of the cavern upon completion of the survey.

(h) Each permittee shall submit a ground subsidence monitoring plan to the secretary. The following requirements shall apply:

(1) Each permittee shall submit the plan at either of the following times:

(A) When the final permit application is submitted; or

(B) when the permittee conducts an elevation survey that is due before submittal of the final permit application.

(2) The ground subsidence monitoring plan shall include the following information:

(A) A description of the method for conducting an elevation survey; and

(B) the criteria for establishing monuments, benchmarks, and wellhead survey points.

(3) The criteria for subsidence monitoring shall be as follows:

(A) Level measurements to the accuracy of 0.01 foot shall be made.

(B) Surface elevation changes in excess of 0.10 foot shall be reported within 24 hours to the secretary.

(C) No established benchmark shall be changed, unless the permittee submits a justification that the change is protective of public health, safety, and the environment.

(D) If a benchmark is changed, the elevation change from the previous benchmark shall be noted in the elevation survey report.

(E) Each permittee shall submit the elevation before and after any wellhead work that results in a change in the survey point at the wellhead.

(4) The elevation survey shall be conducted by a licensed professional land surveyor.

(5) Biennial survey results, including certified and stamped field notes, shall be submitted to the department within 30 days after completion of the survey.

(i) Each permittee shall submit an inventory balance plan for measuring the volume of hydrocarbons injected into or withdrawn from each underground hydrocarbon storage well, including methods for measuring and verifying volume, with the permit application to the secretary for review and consideration for approval. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-16. Testing and inspections. (a) Each permittee shall submit a plan to the secretary for review and consideration for approval to ensure the protection of public health, safety, and the environment, before conducting any underground hydrocarbon storage well or cavern testing. Testing shall not commence without prior approval from the secretary.

(b) Each permittee shall submit a summary of the testing to the secretary within 45 days after completing the test. The summary shall include the following:

(1) A chronology of the test;

(2) copies of all logs;

(3) storage well completion information;

(4) pressure readings;

(5) volume measurements; and

(6) an explanation of the test results.

(c) Each permittee shall test each unplugged underground hydrocarbon storage well and cavern for mechanical integrity. The following requirements shall apply:

(1) Integrity tests shall be conducted on the storage well and cavern as follows:

(A) Before the cavern is initially placed in service;

(B) every five years, if the well is unplugged;

(C) before the underground hydrocarbon storage cavern is placed back in service after being in monitoring

status, unless the mechanical integrity test has been performed in the last five years; and

(D) before the well is plugged, unless the mechanical integrity test has been performed in the last five years.

(2) Integrity tests shall be conducted on the underground hydrocarbon storage well after each workover that involves physical changes to any cemented casing string.

(3) Each underground hydrocarbon storage well shall be tested for mechanical integrity using a nitrogen-brine interface method.

(4) Each underground hydrocarbon storage cavern shall be tested for integrity by using a hydrostatic brine test.

(5) Each permittee shall submit a test procedure plan, on a form furnished by the department, to the secretary for review and consideration for approval, at least 30 days before test commencement. The plan shall include the following information:

(A) The justification for test parameters;

(B) the test sensitivities; and

(C) the pass and fail criteria for the test.

(6) Each permittee shall notify the secretary at least five days before conducting any integrity test.

(7) The integrity test shall be conducted at the maximum allowable operating pressure.

(8) All test procedures shall use certified gauges and pressure transducers that have been calibrated annually.

(d) Any permittee may use an alternative integrity test if the secretary determines that the alternative integrity test is substantially equivalent to the integrity tests specified in subsection (c). The permittee shall submit the following information for the secretary's consideration:

(1) A description of the test method and the theory of operation, including the test sensitivities, a justification for the test parameters, and the pass and fail criteria for the test;

(2) a description of the well and cavern conditions under which the test can be conducted;

(3) the procedure for interpreting the test results; and

(4) an interpretation of the test upon completion of the test.

(e) No underground hydrocarbon storage well and cavern shall be used for storage if the mechanical integrity is not verified.

(f) Each permittee shall submit a casing evaluation for each underground hydrocarbon storage well. Acceptable casing evaluation methods shall include magnetic flux and ultrasonic imaging.

(g) Any permittee may use an alternative casing evaluation method if the secretary determines that the alternative casing evaluation method is substantially equivalent to the casing evaluation methods specified in subsection (f). The permittee shall meet the following requirements:

(1) Each permittee shall submit a description of the logging method, including the theory of operation and the well conditions suitable for log use.

(2) Each permittee shall submit the specifications for the logging tool, including tool dimensions, maximum temperature and pressure rating, recommended logging

speed, approximate image resolution, and hole size range.

(3) Each permittee shall describe the capabilities of the log for determining the following:

(A) The presence of any metal loss due to either of the following:

(i) Internal or external corrosion; or

(ii) internal wear;

(B) the degree of penetration of the corrosion or the casing defect; and

(C) the circumferential extent of the corrosion or the casing defect.

(4) Each permittee shall submit a log and an interpretation of the log to the secretary.

(h) Each permittee shall submit a casing evaluation according to the following time schedule:

(1) Every 10 years, for either of the following conditions:

(A) The underground hydrocarbon storage well has double casing protection; or

(B) an existing well has a liner and a production casing;

(2) after any workover involving the cemented casing; and

(3) every five years, if the underground hydrocarbon well does not have double casing protection or if a determination is made by the secretary that the integrity of the long string casing could be adversely affected by any naturally occurring condition or man-made activity.

(i) A variance for submitting a casing evaluation may be considered by the director if the well has a tubing and packer assembly in place.

(j) Each permittee shall submit a cement bond log with the casing evaluation if a cement bond log has not been previously submitted.

(k) A licensed professional engineer or licensed geologist, or licensed professional engineer's or licensed geologist's designee, shall supervise all test procedures and associated field activity.

(l) Each permittee shall have a licensed professional engineer or licensed geologist review all test results.

(m) Each permittee shall visually inspect the wellhead monthly for any leakage.

(n) Each permittee shall conduct an inspection of facility records, using a form furnished by the department, every two years to ensure that the required records are being properly maintained. The permittee shall maintain these records at the facility and shall make the records available to the secretary upon request. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-17. Groundwater monitoring. (a) Each permittee of an underground hydrocarbon storage facility shall submit a groundwater monitoring plan with the final permit application to the secretary for review and consideration for approval to ensure the protection of public health, safety, and the environment.

(b) Each permittee shall ensure that the groundwater monitoring wells meet the following requirements:

(1) Each permittee shall set the screen in each shallow monitoring well at a depth that is inclusive of the seasonal fluctuation of the water table.

(continued)

(2) Each permittee shall ensure that all deep groundwater monitoring wells extend a minimum of 25 feet into the bedrock, or to a depth based on the geology and hydrogeology at the facility and approved by the secretary to ensure the protection of public health, safety, and the environment.

(c) All well locations and the spacing between all well locations shall be based on the geology and the hydrogeology at the facility and shall be required to be approved by the secretary to ensure the protection of public health, safety, and the environment.

(d) Each permittee of a facility shall submit a quality assurance plan, including techniques for sampling and analysis, with the final permit application to the secretary for review and consideration for approval to ensure the protection of public health, safety, and the environment.

(e) Each permittee shall collect groundwater samples and analyze the samples for chlorides and any other parameter determined by the secretary to pose a threat to public health, safety, and the environment. The reporting format shall be determined by the secretary.

(f) Each permittee shall submit the results for chloride analyses from groundwater samples to the department on a quarterly basis.

(g) Each permittee shall monitor monthly for the presence of combustible gas in the headspace in monitoring wells and shall submit the results to the department quarterly.

(h) Each permittee shall submit a static groundwater level measurement for each monitoring well with the quarterly chloride analyses results specified in subsection (f).

(i) Any permittee of a facility where chloride concentrations in the groundwater exceed 250 milligrams per liter may be required by the secretary to submit a work plan, for review and consideration for approval, that describes the methods to delineate potential source areas and to control migration of the chloride contamination.

(j) Each permittee of a well in which combustible gas is detected shall submit a work plan to the secretary for review and consideration for approval. Each permittee shall describe the proposed methods to eliminate any source areas and return the combustible gas levels to levels that do not pose a potential threat to public health, safety, or the environment. The plan shall be approved if the secretary determines that the plan is protective of public health, safety, and the environment. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-18. Record requirements and retention. (a) Each permittee shall complete and submit an annual report, on a form furnished by the department, on or before April 1 of each year. The annual report shall include the following:

- (1) A description of any incident of uncontrolled or unanticipated product loss;
- (2) the well number and date of any logs or sonar surveys conducted;
- (3) the estimated storage capacity for all unplugged caverns;
- (4) a list of any caverns being washed;

(5) a list of the volume of product injected and withdrawn for each well;

(6) a list, by well number, of the type of product stored; and

(7) a list, by well number, of the maximum and minimum product storage pressures encountered during the report year.

(b) Each permittee shall maintain facility records at the facility or at a location approved by the secretary for the following time periods:

(1) A period of 10 years, for the following records:

(A) The maximum and minimum operating pressures for each well; and

(B) the annual inspections required by the secretary;

(2) the life of the well, for the following records:

(A) The casing records for each well;

(B) the cementing records for each well;

(C) the workover records;

(D) monitoring information, including calibration and maintenance records; and

(E) continuous monitoring data; and

(3) the life of the facility, for the following records:

(A) All logging events;

(B) all mechanical integrity tests and other testing;

(C) all groundwater monitoring data; and

(D) all correspondence relating to the permit, including electronic mail.

(c) Surface elevation surveys shall be maintained and retained for the life of facility plus 20 years after the facility's closure.

(d) All required facility records, reports, and documents shall be transferred to the new permittee with the transfer of the permit. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-19. Well workovers. (a) Each permittee shall submit a workover plan to the secretary for review and consideration for approval to ensure the protection of public health, safety, and the environment. The following provisions shall apply:

(1) Each permittee shall submit the workover plan at least 10 days before performing any downhole or well-head work that involves dismantling or removal of the wellhead.

(2) A permittee shall not be required to submit a workover plan for routine maintenance or replacement of gauges, sensors, or valves.

(3) Verbal authorization to initiate downhole or well-head work may be issued by the secretary if the permittee has fulfilled the requirements of this subsection.

(b) Each permittee shall ensure that a blowout preventer with a pressure rating greater than the pressures anticipated to be encountered is used during each workover.

(c) Each permittee shall ensure that all logging procedures are conducted through a lubricator unit with a pressure rating greater than the pressures anticipated to be encountered.

(d) Each permittee shall provide to the person logging the well or performing a well workover all relevant information concerning the status and condition of the well

and storage cavern before initiating any work. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-20. Plugging requirements. (a) Each permittee shall submit a plugging plan, including monitoring and testing requirements, to the secretary for review and consideration for approval at least 60 days before the plugging event.

(b) Each permittee shall follow the plugging procedure specified in the department's document titled "procedure for the plugging and abandonment of a hydrocarbon storage well, procedure #:UICLPG-3," dated March 2003, which is hereby adopted by reference.

(c) Each permittee shall restore and preserve the integrity of the site as follows:

- (1) Dispose of all liquid waste in an environmentally safe manner;
- (2) clear the area of debris;
- (3) drain and fill all excavations;
- (4) remove all unused concrete bases, machinery, and materials; and
- (5) level and restore the site. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-21. Underground hydrocarbon storage fees.

(a) Effective on and after January 1, 2004, each permittee shall submit an annual permit fee of \$18,890 per facility and \$305 per unplugged storage well on or before April 1 of each year.

(b) Each permittee shall submit a permit fee of \$305 for any unplugged storage well inadvertently omitted from the collection of permit fees for the year 2003.

(c) Each applicant for a permit for a proposed new underground hydrocarbon storage well shall submit a fee of \$700 with the permit application.

(d) Fees shall be made payable to the "Kansas department of health and environment—subsurface hydrocarbon storage fund."

(e) The fees collected under the provisions of this regulation shall not be refunded.

(f) If ownership of an underground hydrocarbon storage well or underground hydrocarbon storage facility changes during the term of a valid permit, no additional fee shall be required unless a change occurs that results in a new storage well or an expanded facility operation. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-22. Permit required for a brine pond. (a)

Since the underground storage of hydrocarbons and the access to and transfer of hydrocarbons is dependent on the safe and secure operation and maintenance of associated brine ponds, no person shall construct, operate, or maintain any brine pond associated with an underground hydrocarbon storage facility without obtaining a brine pond permit from the secretary.

(b) Each permittee of a brine pond in existence before April 1, 2003 shall meet the requirements for liner construction if either of the following conditions exists:

(1) A potential threat to public health, safety, or the environment exists.

(2) An existing brine pond is dewatered due to the repair, replacement, or expansion of the brine pond.

(c) A variance may be granted by the secretary if both of the following conditions are met:

(1) The variance is protective of public health, safety, and the environment.

(2) The applicant or permittee agrees to perform any additional monitoring or brine pond improvements, or both, if required by the secretary.

(d) Each applicant or permittee seeking a variance shall submit a written request, including a justification for the variance and any supporting data, to the secretary for review and consideration for approval. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-23. Brine pond application and permit. (a)

Each permittee of an existing brine pond and each applicant for a permit for a new brine pond shall submit an application for a permit to the secretary. Upon review of the application, either of the following shall be issued by the secretary:

(1) A final permit if the application is approved; or

(2) a notice that the permit has been denied if the applicant has not complied with the requirements of this article of regulations. The notice shall include justification for the permit denial.

(b) Each permit for a brine pond shall be authorized for a term not to exceed 10 years.

(c) Each permittee of an existing brine pond shall submit an application, on a form furnished by the department, to the secretary within six months after April 1, 2003.

(d) Each permittee shall submit a completed application to renew a permit not less than 90 days before the expiration date of the permit in effect.

(e) Each applicant for a permit for a new brine pond shall submit a completed application to the secretary not less than 90 days before the construction of the new brine pond commences. Brine pond construction shall not begin until the secretary has issued the permit.

(f) Each permit application for a new brine pond shall include a hydrogeological investigation conducted under the direction of a licensed geologist or a licensed professional engineer.

(g) Each hydrogeological investigation for a new brine pond shall include the following information:

(1) A site characterization for brine pond construction shall meet the following requirements:

(A) The bottom of the brine pond shall be determined by the lowest surface elevation of compacted or excavated soils used in creating the pond structure.

(B) All required excavations or boreholes shall be drilled to a depth of at least 10 feet below the bottom of the brine pond.

(C) A separation distance of at least 10 feet shall be maintained between the brine pond bottom and the water table.

(D) The surface area shall be measured at the interior top dike elevation.

(continued)

(2) The location and elevation of each borehole or excavation, based on surface area, shall be determined by the following criteria:

(A) A minimum of two boreholes or excavations for each five acres of proposed brine pond surface area; or

(B) a minimum of two boreholes or excavations if the brine pond surface area is less than five acres.

(3) The following information shall be submitted for each borehole or excavation:

(A) A log of soil types encountered in each borehole or excavation; and

(B) a groundwater level measurement at each borehole or excavation.

(h) Each permittee shall notify the department at least five days before conducting any field activities for the hydrogeological investigation. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-24. Public notice for a brine pond. (a) Public notice shall be given by the secretary for the following permit actions:

(1) A permit application for any new brine pond associated with an underground hydrocarbon storage well;

(2) modifications that require a draft permit;

(3) modifications to an existing brine pond;

(4) a denied permit; and

(5) a scheduled hearing.

(b) The public notice and, if applicable, a copy of the draft permit shall be mailed or electronically mailed by the department to the permit applicant.

(c) The public notice shall be mailed by the department to the following:

(1) Any person who submits a written request for placement on the mailing list;

(2) the official county newspaper of each county in which the lands affected by the application are located, for publication in at least two issues; and

(3) the Kansas register.

(d) The public notice shall include the following information:

(1) The name and address of the department processing the permit action for which the notice is being given;

(2) the name and address of the person seeking the permit;

(3) a brief description of the activity described in the permit application;

(4) the name, address, and telephone number of the person that interested persons may contact for further information, including copies of the application, draft permit, or other appropriate information;

(5) a brief description of the comment procedures for public notice; and

(6) a statement of the procedure to request a hearing and other procedures that allow public participation in the final permit decision.

(e) Any interested person may submit written comments to the secretary on any permit action during the 30-day public comment period. The following requirements shall apply:

(1) Comments shall be submitted by the close of the public comment period.

(2) All supporting materials submitted shall be included in full and shall not be incorporated by reference, unless the supporting materials are any of the following:

(A) Part of the administrative record in the same proceeding;

(B) state or federal statutes and regulations;

(C) state or environmental protection agency documents of general applicability; or

(D) other generally available reference materials.

(3) Commentators shall make available to the secretary all supporting materials not already included in the administrative record.

(f) The response to all significant comments concerning any permit actions and the reasons for changing any provisions in the draft permit shall be issued at the time that the final permit decision is issued.

(g) The response to comments shall be made available to the public upon request. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-25. Renewal, modification, and transfer of a brine pond permit. (a) The issuance or modification of a brine pond permit or the variance of the specific requirements of a brine pond permit may be authorized by the secretary for a term of less than 10 years.

(b) The automatic transfer of a brine pond permit shall be prohibited. The terms of a permit transfer shall include the following:

(1) Each person requesting a permit transfer shall submit a completed application to the secretary at least 60 days before the proposed effective date of the transfer.

(2) Each permittee shall comply with the conditions of the existing permit until the secretary reissues the permit.

(c) Any permit for a brine pond may be modified by the secretary for any of the following reasons:

(1) The secretary receives information not available when the permit was issued.

(2) The secretary receives a request for a modification.

(3) The secretary conducts a review of the permit file and determines that a modification is necessary.

(d) Only the permit actions subject to modification shall be reopened.

(e) Minor modifications that shall not require public notification shall include the following:

(1) Correction of typographical errors;

(2) requirements for more frequent monitoring or reporting by the permittee;

(3) date change in a schedule of compliance;

(4) change in ownership or operational control of the facility, unless the secretary determines that public notification is necessary to protect the public interest;

(5) change in construction requirements, if approved by the secretary; and

(6) amendments to a brine pond closure plan.

(f) A draft permit and notification to the public shall be required if any of the following conditions is met:

(1) A permittee proposes substantial alterations to the brine ponds or proposes any activity that justifies a change in permit requirements, including cumulative effects on public health, safety, or the environment.

(2) Information has become available that would have initially justified different permit conditions.

(3) The standards or regulations on which the permit was based have changed because of the promulgation of new or amended standards or because of a judicial decision.

(g) Any permittee may request a permit modification within 180 days after any of the following:

(1) The adoption of any new regulations or standards;

(2) any deadline to achieve compliance with regulations or standards before the expiration date of the permit; or

(3) any judicial remand and stay of a promulgated regulation, if the permit condition was based on the remanded regulation. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T- 23-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-26. Signatories for brine pond permit applications and reports. (a) Each permittee of an existing brine pond and each applicant for a permit for a new brine pond shall designate signatories to sign the permit applications and reports required by the secretary.

(b) Positions that may be approved by the secretary as signatories shall include either of the following:

(1) Operations manager;

(2) brine pond specialist; or

(3) a position with responsibility at least equivalent to that required by the positions listed in this subsection.

(c) Any signatory may submit written notification to the secretary specifying a position having responsibility for the overall operation of the regulated facility or activity to act as a designated signatory.

(d) Each signatory and each signatory's designee shall submit a signature statement, on a form furnished by the department, to the secretary with the brine pond permit application. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-27. Financial assurance for brine pond closure. (a) Each permittee of a brine pond shall establish financial assurance for the decommissioning and abandonment of any brine pond permitted by the secretary under this article of regulations.

(b) (1) Each permittee of an existing brine pond shall submit proof of financial assurance before April 1, 2004 and, thereafter, annually on or before January 31 of each year. Each applicant for a permit for a new brine pond shall submit proof of financial assurance to the secretary with the permit application and, thereafter, annually on or before January 31 of each year.

(2) Each permittee and each applicant shall meet the following requirements:

(A) Submit a detailed written estimate, in current dollars, of the cost to close any brine pond at the facility. The estimate shall be reviewed and approved by a licensed professional engineer or licensed geologist;

(B) develop an estimate of the closure cost for each brine pond at the facility as follows:

(i) The estimate shall be based on the cost charged by a third party to properly decommission the brine pond; and

(ii) the brine pond shall be assumed to be at maximum storage capacity; and

(C) increase the closure cost estimate and the amount of financial assurance provided if any change in the brine pond closure plan or in the operation increases the maximum cost of brine pond closure at any time.

(c) Each permittee shall provide continuous financial assurance coverage for closure until the secretary approves the brine pond closure.

(d) Each permittee shall comply with the provisions of the department's document titled "procedure for demonstrating financial assurance for a brine pond associated with a storage facility, procedure #: UICLPG-11," dated March 2003, which is hereby adopted by reference. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-28. Design, construction, and maintenance of brine ponds. (a) Each applicant shall submit a design and construction plan for each new brine pond associated with an underground hydrocarbon storage facility to the secretary. The design and construction plan shall be approved if the secretary determines the plan is protective of public health, safety, and the environment. Each brine pond shall be designed by a licensed professional engineer.

(b) Each applicant shall ensure that the impermeable synthetic membrane liner system for each brine pond is comprised of primary and secondary impermeable synthetic membrane liners with an intermediate leak detection system. The following requirements shall apply:

(1) The primary and secondary liners shall be at least 30 mils in thickness.

(2) The engineer designing the brine pond shall obtain a certification from the liner manufacturer providing the following information:

(A) Confirmation that the specified liner is compatible for use with the brine;

(B) confirmation that the specified liner is ultraviolet-resistant; and

(C) data for the manufacturer's estimated leakage, permeability, or transmissivity rate for specific liners, including the rate of movement of fluids through the synthetic membrane liner due to the properties and thickness of the liner material, expressed in units of volume per area per time;

(D) any normally expected manufacturing defects in the liner material; and

(E) any normally expected defects associated with the seaming and installation process.

(c) Each permittee of an existing brine pond and each applicant for a permit for a new brine pond shall submit a contingency plan to the secretary that outlines the procedures for brine containment issues associated with brine pond maintenance and dewatering due to liner failure, repair, replacement, or expansion of the brine pond. The contingency plan shall be approved if the secretary determines that the plan is protective of public health, safety, and the environment.

(d) Each permittee of an existing brine pond and each applicant for a permit for a new brine pond shall submit

(continued)

a flood response plan if the brine pond is located in a floodplain or a flood-prone area.

(e) Each permittee shall immediately cease operations or shall comply with instructions from the secretary if the secretary determines that an imminent threat to public health, safety, or the environment exists due to any unsafe operating condition. The permittee may resume operations if the secretary determines that the brine pond operations no longer pose a risk to public health, safety, or the environment.

(f) Each permittee shall ensure that the primary and secondary liners for each brine pond are separated to provide a conduit for the movement of any fluid between the liners to the leak detection monitoring location for detection and removal.

(g) Each permittee shall ensure that all materials between the primary and secondary liners are capable of transmitting a minimum of 1/64 inch per acre per day of flow with a head of no more than two feet placed on the secondary liner. Acceptable materials shall include the following:

- (1) Clean sand;
- (2) pea gravel;
- (3) geotextile fabric;
- (4) geonet-type material; and

(5) any alternatives recommended by the liner manufacturer, if the secretary determines that the alternatives are substantially equivalent to materials listed in this subsection.

(h) Each permittee shall ensure that the leak detection system design for each brine pond limits the maximum travel time required for fluid penetrating the liner to reach the leak detection monitoring location to 24 hours or less.

(i) Each permittee shall ensure that each brine pond bottom has a slope adequate for the proper operation of the leak detection system with not less than 0.5 percent for the slope for the collection pipes and 1.0 percent for all other slopes.

(j) Each permittee shall ensure that the dewatering system design for each brine pond is capable of the following:

(1) Monitoring the volume of fluid removed from the intermediate space between the primary and secondary liners; and

(2) pumping the volume of fluid generated equal to 10 times the maximum allowable liner leakage rate.

(k) Each permittee shall ensure that the compaction of all brine pond embankments and of the upper six inches of the interior lagoon bottom below the secondary liner meets all of the following criteria:

(1) The maximum standard proctor density shall be a minimum of 95 percent at optimum moisture to optimum moisture plus three percent.

(2) The maximum thickness of the compacted material shall not exceed six inches.

(3) The moisture content range of the compacted soils shall be optimum moisture to optimum moisture plus three percent.

(4) The maximum size of dirt clods in the compacted soil shall be less than one inch in diameter.

(l) Each permittee shall ensure that the following requirements for the installation of the liners at each brine pond are met:

(1) The primary and secondary liners shall be anchored at the top of the brine pond dike in accordance with the liner manufacturer's instructions.

(2) Installation shall be performed in accordance with the liner manufacturer's instructions.

(3) Installation shall be performed by a contractor experienced in the installation of impermeable synthetic membrane liners.

(4) On-site supervision of the liner installation shall be provided by an individual that has experience in liner installation practices.

(m) Each permittee shall ensure that the volume of fluid monitored from the intermediate leak detection system at the brine pond is based on a rate of 10 percent of leak return system capacity and does not exceed 1,000 gallons per day per acre of pond area.

(n) Each permittee shall submit, to the secretary, a seam testing method to verify the adequacy of the seaming process for the liners at each brine pond. The following requirements shall apply:

(1) The testing method shall include the following:

(A) The methods for destructive and nondestructive seam testing;

(B) the protocol describing the number of tests per lineal foot of field seam;

(C) the size of the destructive test specimen required; and

(D) other pertinent quality control provisions recommended by the liner manufacturer.

(2) All field seams shall be subjected to nondestructive testing.

(o) Each permittee shall install a gas vapor control system to ignite or capture hydrocarbon vapors at each brine pond within five years after April 1, 2003. The gas vapor control system shall consist of one of the following:

(1) A hydrocarbon liquid knockout vessel and degassifier; or

(2) an alternative method if the secretary determines that the alternative method is substantially equivalent to the hydrocarbon liquid knockout vessel and degassifier.

(Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-29. Groundwater monitoring for brine ponds. (a) Each permittee of an existing brine pond and each applicant for a permit for a new brine pond shall submit a groundwater monitoring plan with the brine pond permit application to the secretary for review and consideration for approval. The monitoring plan shall be approved if the secretary determines that the plan is protective of public health, safety, and the environment.

(b) Each permittee of an existing brine pond and each applicant for a permit for a new brine pond shall meet the following requirements:

(1) Install monitoring wells around the perimeter of the brine pond. The well spacing shall be based on the geology and hydrogeology at the facility and shall be approved by the secretary if the secretary determines that

the well spacing is protective of public health, safety, and the environment; and

(2) set the screen in all shallow groundwater monitoring wells at a depth that is inclusive of the seasonal fluctuation of the water table.

(c) Each permittee of an existing brine pond and each applicant for a permit for a new brine pond shall submit, with the groundwater monitoring plan, a quality assurance plan to the secretary for review and consideration for approval to ensure the protection of public health, safety, and the environment.

(d) Each permittee shall collect groundwater samples and analyze the samples for chloride and any other parameter determined by the secretary as posing a potential threat to public health, safety, and the environment. The reporting format shall be determined by the secretary.

(e) Each permittee shall submit the results for the chloride analyses from groundwater samples to the department on a quarterly basis.

(f) Each permittee shall monitor monthly for the presence of combustible gas in the headspace in monitoring wells and submit the results to the department on a quarterly basis.

(g) Each permittee shall submit a static groundwater level measurement for each monitoring well with the quarterly chloride analyses specified in subsection (e).

(h) Any permittee of a brine pond where chloride concentrations in the groundwater exceed 250 milligrams per liter may be required by the secretary to submit a work plan, for review and consideration for approval, that describes proposed methods to delineate the extent of the contamination and to control migration of the chloride contamination. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45-30. Brine pond closure requirements. (a) Each brine pond permittee shall submit a closure plan, including monitoring and testing requirements, to the secretary for review and consideration for approval at least 60 days before the closure of a brine pond. The closure plan shall be approved if the secretary determines that the closure plan is protective of public health, safety, and the environment.

(b) The permittee shall not commence closure activities without the secretary's approval.

(c) Each permittee shall include the following information in the brine pond closure plan:

(1) The procedure for deactivating the various brine lines employed at the facility;

(2) the procedures for the remediation, removal, or disposal of brine, accumulated sludge in the brine pond, contaminated soils, and contaminated groundwater;

(3) a description regarding the proposed maintenance, deactivation, conversion, or demolition of the brine pond structure; and

(4) procedures addressing the plugging of any water wells or groundwater monitoring wells associated with the brine pond. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

Article 45a.—UNDERGROUND NATURAL GAS STORAGE WELLS IN BEDDED SALT

28-45a-1. Definitions. (a) "Applicant" means the operator and the owner requesting a permit as specified in this article of regulations. If the operator and the owner are not the same person, the owner and the operator shall jointly submit an application for a permit.

(b) "Base gas" and "cushion gas" mean the volume of gas required as permanent storage inventory to maintain adequate storage cavern pressure for meeting minimum gas deliverability demands throughout the withdrawal season or for structural integrity of the storage cavern.

(c) "Brine" means saline water with a sodium chloride concentration equal to or greater than 90 percent.

(d) "Brine pond" means the excavated or diked structure used for the surface containment of brine used in the creation, maintenance, or operation of an underground storage well.

(e) "Department" means the Kansas department of health and environment.

(f) "Director" means the director of the division of environment of the department of health and environment.

(g) "Draft permit" means a document that is pending approval by the secretary to be issued as a permit.

(h) "In existence" and "existing," when used to describe an underground natural gas storage well, mean a natural gas storage well that has been authorized or permitted by the Kansas department of health and environment before April 1, 2003.

(i) "Kansas board of technical professions" means the state board responsible for licensing persons to practice engineering, geology, or land surveying in Kansas.

(j) "Licensed geologist" means a geologist licensed to practice geology in Kansas by the Kansas board of technical professions.

(k) "Licensed professional engineer" means a professional engineer licensed to practice engineering in Kansas by the Kansas board of technical professions.

(l) "Licensed professional land surveyor" means a professional land surveyor licensed to practice land surveying in Kansas by the Kansas board of technical professions.

(m) "Liner" means the casing normally installed within the production casing.

(n) "Liquified petroleum gas" and "LPG" mean by-products or derivatives of oil and gas, including propane, butane, isobutane, and ethane, maintained in a liquid state under pressure.

(o) "Maximum allowable operating pressure" means the maximum pressure authorized by the department and measured at the wellhead.

(p) "Maximum operating pressure" means the maximum pressure recorded during a 24-hour period and measured at the product side of the wellhead.

(q) "Municipal population center" means an incorporated city.

(r) "Natural gas" means the gaseous form of hydrocarbon consisting primarily of methane.

(s) "Operator" means the person recognized by the secretary as being responsible for the physical operation of an underground natural gas storage facility.

(continued)

(t) "Owner" means the person owning all or part of any underground natural gas storage facility.

(u) "Permit" means an authorization, license, or equivalent control document issued by the secretary to the operator and owner.

(v) "Permittee," "permit holder," and "holder of a permit" mean the owner and the operator issued a permit, as defined in this regulation, by the secretary.

(w) "Person" means any individual, company, corporation, institution, partnership, municipality, township, or federal agency.

(x) "Product" means natural gas.

(y) "Secretary" means the secretary of the department of health and environment.

(z) "Solutioning" means the process of injecting fluid into a well to dissolve salt or any other readily soluble rock or mineral.

(aa) "Supervisory control and data acquisition" means an automated surveillance system in which monitoring and control of storage activities are accomplished at a central or remote location.

(bb) "Underground natural gas storage cavern" means a cavern formed by solutioning in bedded salt in which natural gas is stored.

(cc) "Underground natural gas storage facility" means the acreage associated with the storage field with facility boundaries approved by the secretary. This term shall include the wells, wellbore tubular goods, wellhead, and any related equipment, including any appurtenances associated with the well field.

(dd) "Underground natural gas storage well" means a well used for the injection or withdrawal of natural gas into or out of an underground natural gas storage cavern.

(ee) "Usable water formation" means an aquifer or any portion of the aquifer that meets any of the following criteria:

- (1) Supplies any public water system;
- (2) contains a supply of groundwater that is sufficient to supply a public water system and that currently supplies drinking water for human consumption; or
- (3) contains fewer than 10,000 mg/L total dissolved solids and is not an exempted aquifer.

(ff) "Variance" means the secretary's written approval authorizing an alternative action to the requirements of these regulations or the standards adopted by these regulations and incorporated into the permit.

(gg) "Working gas" means the gas placed in the storage cavern above the base gas. (Authorized by and implementing K.S.A. 65-171d; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-2. Permit required. (a) No person shall create, operate, or maintain an underground storage well for natural gas in bedded salt without obtaining a permit from the secretary.

(b) Underground storage caverns for natural gas shall be constructed only in bedded salt.

(c) A variance may be granted by the secretary if both of the following conditions are met:

- (1) The variance is protective of public health, safety, and the environment.
- (2) The applicant or permittee agrees to perform additional testing, monitoring, or well improvements, or any combination of these, if required by the secretary.

(d) Each applicant or permittee seeking a variance shall submit a written request, including justification for the variance and any supporting data, to the secretary for review and consideration for approval. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-3. Well conversions and reentry. (a) The conversion of an existing well to underground natural gas storage shall be prohibited if the well was not originally designed for the underground storage of natural gas, unless the secretary determines that the conversion is protective of public health, safety, and the environment.

(b) The conversion of an underground natural gas storage well for other purposes shall be prohibited, unless the secretary determines that the conversion is protective of public health, safety, and the environment.

(c) The reentry of a plugged underground natural gas storage well for the purpose of reactivating activities associated with the underground storage of natural gas or liquid hydrocarbons shall be prohibited. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-4. Application for permit. (a) Each applicant shall submit a completed application for a permit to create, operate, and maintain an underground natural gas storage well, on an application form furnished by the department. Upon review of the application, one of the following shall be issued by the secretary:

- (1) A permit, if the application is approved; or
- (2) a notice that the permit has been denied if the applicant has not complied with the requirements of this article of regulations. The notice shall include justification for the permit denial.

(b) Each permittee of an existing underground natural gas storage well shall submit to the secretary, before April 1, 2004, either of the following:

- (1) A permit application for the continued operation of the storage well; or
- (2) a plan and schedule for plugging the well.

(c) The existing permit or authorization for the underground natural gas storage facility shall remain in effect until the requirement specified in subsection (b) is met and a permit for the underground natural gas storage well is issued. Each permittee of any existing underground natural gas storage cavern shall comply with the provisions of this article of regulations before injecting any working gas into the underground storage cavern.

(d) Each applicant for a permit for a new underground natural gas storage well shall submit a completed application to the secretary at least 180 days before the proposed commencement date for the construction of the new storage well. Construction shall not begin until the secretary has approved the permit application.

(e) Each permittee of an existing facility and each applicant for a proposed facility shall ensure that the underground natural gas storage facility will be operated and maintained in a manner that will preserve the integrity of the storage cavern and storage well and minimize any potential threat to public health, safety, and the environment.

(f) Each application for a permit shall include a report prepared by a licensed geologist that includes the following:

(1) An evaluation of the geology and hydrogeology, including cross-sections, isopach and structure maps of the salt formation, and water-level or potentiometric maps;

(2) a regional stratigraphic evaluation;

(3) local and regional structural analyses, including maps, cross-sections and available geophysical data;

(4) a flood assessment identifying floodplain and flood-prone areas, including the following:

(A) Flood response procedures; and

(B) design criteria for well and facility equipment; and

(5) an assessment of the potential for ground subsidence.

(g) Each applicant shall submit the following information with the permit application:

(1) A plan view map showing locations of all water, solution mining, monitoring, disposal, injection, oil, and gas wells within a one-mile perimeter of the facility's boundary; and

(2) a plan map view of man-made surface structures and construction activities within a one-mile perimeter of the facility's boundary.

(h) Each permittee shall submit a sample log of cuttings from each newly installed well at the facility to the secretary. The sample log shall be incorporated into the permit.

(1) Cuttings shall be collected at 10-foot intervals or an interval approved by the secretary from surface to total well depth.

(2) Well cuttings shall be collected, described, and logged as specified in department's document titled "procedure for sample logging, procedure #: UICLPG-9," dated July 2002, as adopted by reference in K.A.R. 28-45-6a.

(3) The collection of cuttings shall be supervised by a licensed geologist or a licensed geologist's designee.

(4) The description and logging of the sample cuttings shall be performed by a licensed geologist.

(5) Each permittee shall submit a sample log and a dry sample set to the department within 45 days after well completion.

(i) Each permittee shall provide a minimum of one core from each facility. The following provisions shall apply:

(1) The permittee shall submit a plan describing the coring interval, coring procedure, and core testing to the secretary for review and consideration for approval at least 60 days before the coring event.

(2) Each permittee shall make the core available for inspection upon request by the secretary.

(3) The permittee may submit existing core data if the secretary determines that the core is representative of the geology of the area.

(j) Each permittee shall submit open hole logs for any new underground natural gas storage well. The logging interval shall be from the surface to 100 feet below the top of the salt section. At a minimum, the following logs shall be run:

(1) A gamma ray log;

(2) a neutron log if the source is registered in Kansas, or a sonic log;

(3) a density log; and

(4) a caliper log.

(k) Any permittee may use an alternative log if the secretary determines that the alternative log is substantially equivalent to the logs specified in subsection (j). The permittee shall submit the following information:

(1) A description of the log and the theory of operation for that log;

(2) a description of the field conditions under which the log can be used;

(3) the procedure for interpreting the log; and

(4) an interpretation of the log upon completion of the logging event.

(l) Each permittee shall meet the following design requirements for each underground natural gas storage cavern:

(1) A minimum salt roof thickness of 100 feet above the washed storage cavern shall be maintained at all times.

(2) Underground communication between caverns through fracturing or coalescence shall be prohibited. Underground natural gas storage caverns where communication between caverns exists shall be plugged.

(3) The horizontal distance separating underground natural gas storage caverns shall be no less than 100 feet between cavern boundaries.

(4) The maximum horizontal diameter of each underground natural gas storage cavern shall not exceed 300 feet.

(m) Each permittee shall ensure the integrity of the storage well casing and the storage cavern before commissioning the storage cavern into service. Storage operations may commence when both of the following requirements are met:

(1) Each permittee shall submit a notice of completion of construction, on a form furnished by the department.

(2) Each new underground natural gas storage well shall be inspected by the secretary before storage operations commence. Storage operations shall not commence if the underground natural gas storage well fails the inspection. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-5. Public notice. (a) Public notice shall be given by the secretary for any of the following permit actions:

(1) A permit application for an underground natural gas storage well;

(2) any modifications that require a draft permit;

(3) any modifications for an existing storage facility;

(4) the denial of a permit; or

(5) a scheduled hearing.

(b) The public notice and, if applicable, a copy of the draft permit shall be mailed or electronically mailed by the department to the permit applicant.

(c) The public notice shall be mailed by the department to the following:

(1) Any person who submits a written request for placement on the mailing list;

(continued)

(2) the official county newspaper of each county in which the lands affected by the application are located, for publication in at least two issues; and

(3) the Kansas register.

(d) The public notice shall include the following information:

(1) The name and address of the department processing the permit action for which the notice is being given;

(2) the name and address of the person or company seeking the permit;

(3) a brief description of the business conducted at the facility or the activity described in the permit application;

(4) the name, address, and telephone number of the person that interested persons may contact for further information, including copies of the application, draft permit, or any other appropriate information;

(5) a brief description of the comment procedures for public notice; and

(6) a statement of the procedure to request a hearing and other procedures that allow public participation in the final permit decision.

(e) Any interested person may submit written comments to the secretary on any of the permit actions during the 30-day public comment period. The following requirements shall apply:

(1) All comments shall be submitted by the close of the public comment period.

(2) All supporting materials submitted shall be included in full and shall not be incorporated by reference, unless the supporting materials are any of the following:

(A) Part of the administrative record in the same proceeding;

(B) state or federal statutes and regulations;

(C) state or environmental protection agency documents of general applicability; or

(D) other generally available reference materials.

(3) Commentators shall make supporting materials not already included in the administrative record available to the secretary.

(f) The response to all significant comments concerning any permit actions and the reasons for changing any provisions in the draft permit shall be issued when the final permit decision is issued.

(g) The response to comments shall be made available to the public upon request. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-6. Modification and transfer of a permit.

(a) The automatic transfer of a permit shall be prohibited. The requirements for each permit transfer shall be as follows:

(1) Each person requesting a permit transfer shall submit a completed application to the secretary at least 60 days before the effective date of the proposed transfer.

(2) Each permittee shall comply with the requirements of the existing permit until the secretary reissues the permit.

(b) Any permit for an underground natural gas storage well may be modified by the secretary under any of the following conditions:

(1) The secretary receives information that was not available when the permit was issued.

(2) The secretary receives a request for a modification.

(3) The secretary conducts a review of the permit file and determines that modification is necessary.

(c) Only the permit actions subject to modification shall be reopened.

(d) Minor modifications that shall not require public notification include the following, except as otherwise specified:

(1) Correction of typographical errors;

(2) requirements for more frequent monitoring or reporting by the permittee;

(3) a date change in a schedule of compliance;

(4) a change in ownership or operational control of the facility, unless the secretary determines that public notification is necessary to protect the public interest;

(5) a change in construction requirements, if approved by the secretary; and

(6) any amendments to a plugging plan.

(e) A draft permit and notification to the public shall be required if any of the following conditions is met:

(1) A permittee proposes substantial alterations or additions to the facility or proposes an activity that justifies a change in the permit requirements, including cumulative effects on public health, safety, and the environment.

(2) Information has become available that would have initially justified different permit conditions.

(3) Standards or regulations on which the permit was based have changed due to the promulgation of new or amended standards or due to a judicial decision after the permit was issued.

(f) Any permittee may request a permit modification within 180 days after any of the following:

(1) The adoption of new regulations or standards;

(2) any deadline to achieve compliance with regulations or standards before the expiration date of the permit; or

(3) any judicial remand and stay of a promulgated regulation if the permit condition was based on the remanded regulation. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-7. Signatories for permit applications and reports. (a) Each permittee of an existing underground natural gas storage well and each applicant for a permit for a proposed underground natural gas storage well shall designate signatories to sign the permit applications and all reports required by the secretary.

(b) Positions that may be approved by the secretary to be signatories shall include the following:

(1) Plant or operations manager;

(2) cavern specialist;

(3) superintendent; and

(4) a position with responsibility at least equivalent to that required by the positions listed in this subsection.

(c) Any signatory may submit written notification to the secretary specifying a position having responsibility for the overall operation of the regulated facility or activity to act as a designated signatory.

(d) Each signatory and each signatory's designee shall submit a signature statement, on a form furnished by the department, with the permit application. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-8. Siting requirements for new underground natural gas storage wells. (a) Each applicant shall assess the geographical, topographical, and physical data for any proposed natural gas storage well location to determine whether the siting requirements have been met. The following siting requirements shall be met:

(1) Each new underground natural gas storage facility shall be located at least three miles from the established boundaries of municipal population centers.

(2) Each proposed new facility or boundary expansion for any existing facility shall be located as follows:

(A) Not less than five miles from an active or abandoned conventional shaft mining operation; and

(B) not less than two miles from the facility's boundary of any solution mining operation.

(3) Each applicant shall assess the extent and nature of current or past conventional subsurface mining activities within five miles of the underground natural gas storage facility boundary to determine any potential impact to public health, safety, or the environment resulting from proposed activities at the facility.

(4) Each applicant shall identify and assess all wells, including abandoned wells, from available sources of information, within a one-mile perimeter of the facility's boundary to determine if the following conditions exist:

(A) All wells have been constructed in a manner to protect public health, safety, and the environment.

(B) All abandoned wells, including oil, gas, water, and monitoring wells, have been properly plugged.

(b) Each applicant shall conduct a regional geological evaluation to determine if the integrity of the proposed storage cavern will be adversely affected by either of the following:

(1) Salt thinning due to any stratigraphic change; or

(2) a dissolution zone in the salt.

(c) Each applicant shall determine if the facility's location is in a floodplain or flood-prone area.

(d) No new underground natural gas storage facility boundary or the expansion of an existing facility's boundary shall be located less than one mile from any existing underground porosity storage facility.

(e) Each applicant shall identify potential risks to the storage operation from activities conducted at adjacent facilities.

(f) Each applicant shall identify all utilities having right-of-way, including pipeline, railway, roadway, and electrical lines, and shall assess the potential impact of the utilities on the location or operation of the storage facility. If facilities are exposed and subject to hazards, including vehicular traffic, railroads, electrical power lines, and aircraft or shipping traffic, the facility shall be protected from accidental damage, by distance or barricades.

(g) No outer boundary of an underground natural gas storage cavern shall be less than 100 feet from any of the following:

(1) The property boundary of any owners who have not consented to subsurface storage under their property;

(2) any existing surface structure not owned by the facility's owner; or

(3) any public transportation artery. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-9. Financial assurance for underground natural gas storage facility closure. (a) Each permittee of an underground natural gas storage facility shall establish financial assurance for the following:

(1) Closure of the facility; and

(2) the plugging of any underground natural gas storage well.

(b) Each permittee of an existing underground natural gas storage well and each applicant for a permit for a new underground natural gas storage well shall submit proof of financial assurance with the permit application and, thereafter, annually on or before January 31 of each year. The following requirements shall apply:

(1) Each permittee and each applicant shall submit a detailed written estimate, in current dollars, of the cost to close all underground natural gas storage wells and storage caverns at the facility with closure procedures specified in K.A.R. 28-45a-18. The estimate shall be reviewed and approved by a professional engineer or licensed geologist.

(2) Each permittee and each applicant shall develop an estimate of the closure cost for all underground natural gas storage wells and storage caverns at the facility based on the cost charged by a third party to plug the underground natural gas storage wells.

(3) Each permittee shall increase the closure cost estimate and the amount of financial assurance provided if any change in the facility operation or closure plan increases the maximum cost of closure at any time.

(c) Each permittee shall provide continuous financial assurance coverage for closure until the secretary approves the facility closure.

(d) Each permittee and each applicant shall comply with the provisions of the department's document titled "procedure for demonstrating financial assurance for an underground natural gas storage well, procedure #: UICLPG-7," dated March 2003, which is hereby adopted by reference. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-10. Operations and maintenance plan. (a) Each permittee of an existing underground natural gas storage facility and each applicant for a permit for a new underground natural gas storage facility shall submit a plan for the long-term operation and maintenance of the facility with the permit application.

(b) Each operation and maintenance plan shall include the following:

(1) A description of the methods to be used to prevent the overpressuring of wells and storage caverns;

(2) a plan map view of the location of any disposal wells or corrosion control wells; and

(continued)

(3) the location, depth, and construction details for all shallow and deep groundwater monitoring wells.

(c) Each permittee shall maintain at the facility and make available for inspection by the secretary the following information:

(1) A location map of all wells within the facility's boundaries and a listing of the global positioning system coordinates for each well;

(2) a schematic of the gathering line system that connects all wells within the underground storage facility to a central distribution point; and

(3) a schematic of the product lines for each cavern.

(d) Each permittee shall utilize a blanket pad to prevent the uncontrolled leaching of the storage cavern roof during solutioning or washing. Each permittee shall submit the description of a procedure for solutioning or washing the cavern, with the operations and maintenance plan, to the secretary for review and consideration for approval. The procedure description shall include the following:

(1) A list of acceptable blanket pad materials;

(2) the methods for monitoring the solutioning or washing process; and

(3) a monitoring schedule.

(e) The criteria for determining the maximum allowable operating pressure shall be as follows:

(1) The maximum allowable operating pressure and test pressure shall not exceed 0.75 pounds per square inch per foot of depth measured at the higher elevation of either the casing seat or the highest interior elevation of the storage cavern roof.

(2) The storage cavern shall not be subjected to pressures in excess of the maximum allowable operating pressure, including pressure pulsations and abnormal operating conditions.

(f) Each permittee shall maintain a minimum operating pressure that is protective of cavern integrity at each underground natural gas cavern.

(g) Each permittee shall meet the notification requirements in the facility's emergency response plan, give oral notification to the department within two hours, and submit written notification within one week to the department if any of the following events occurs:

(1) The overpressuring of a storage cavern;

(2) the loss of integrity for the underground natural gas storage well;

(3) the release of product or any other parameter that poses a threat to public health, safety, or the environment;

(4) any other condition that could pose a risk to public health, safety, or the environment;

(5) the establishment of communication between caverns;

(6) the triggering of any alarms verifying that permit safety requirements have been exceeded; or

(7) any equipment malfunction or failure that could result in potential harm to public health, safety, or the environment. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-11. Emergency response plan and safety and security measures. (a) Each permittee of an existing underground natural gas storage facility and each appli-

cant for a permit for a proposed underground natural gas storage facility shall prepare an emergency response plan as part of the permit application or the plugging plan. The following requirements shall apply:

(1) Each permittee and each applicant shall maintain the emergency response plan at the facility and at the company headquarters and shall make it available for inspection by the secretary.

(2) Each permittee and each applicant shall make a copy of the plan available to all coordinating agencies or committees involved in emergency response.

(b) Each permittee shall update the plan annually and also shall update the plan whenever new information regarding the requirements for the emergency response plan becomes available.

(c) Each plan shall include a description of the facility's response to the following events:

(1) Spills and releases;

(2) fires and explosions;

(3) cavern subsidence and collapse; and

(4) any other activity that endangers public health and safety, or that constitutes a threat to the environment.

(d) Each plan shall include the following information:

(1) A description of the warning systems in operation at the facility;

(2) a description of the facility's emergency response communication system that includes the following:

(A) A plat showing the location of all occupied buildings within two miles of the facility's perimeter; and

(B) a list of addresses and telephone numbers for all persons to contact within two miles of the facility's perimeter if a release or emergency condition occurs;

(3) the procedures for coordination of emergency response with local emergency planning committees, including emergency notification and evacuation of citizens and employees;

(4) a description of employee training for emergency response;

(5) a plat of the facility, showing locations for the following:

(A) All underground storage wells;

(B) all underground injection control wells;

(C) all monitoring wells;

(D) all brine and product lines, if present;

(E) railroad and transportation routes;

(F) all brine ponds, if present; and

(G) any other appurtenances at the facility; and

(6) a plan map of all man-made surface structures and any construction activities within one mile of the facility's perimeter.

(e) Each permittee shall establish an educational program for community safety and awareness of the emergency response plan.

(f) Each permittee of an underground natural gas storage facility shall provide security measures to protect the public and to prevent unauthorized access. These security measures shall include the following:

(1) Methods for securing the facility from unauthorized entry and for providing a convenient opportunity for escape to a place of safety;

(2) clearly visible, permanent signs at all points of entry and along the facility's boundary, identifying the well or

storage facility name, owner, and contact telephone number;

(3) security lighting;

(4) alarm systems;

(5) appropriate warning signs in areas that may contain accumulations of hazardous or noxious vapors or where physical hazards exist; and

(6) a direct communication link with the control room or remote control center for service and maintenance crews.

(g) Warning systems and alarms shall consist of the following:

(1) Leak detectors, fire detectors, heat sensors, pressure sensors, and emergency shutdown instrumentation shall be integrated with warning systems audible and visible in the local control room and at any remote control center;

(2) circuitry designed so that the failure of a detector or heat sensor, excluding meltdown and fused devices, will activate the warning; and

(3) a manually operated alarm, audible to facility personnel.

(h) Each wellhead and storage cavern shall be protected with safety devices to prevent pressures in excess of the maximum allowable operating pressure from being exerted on the storage well or storage cavern and to prevent backflow if a flowline ruptures.

(i) Each wellhead shall be equipped with manual isolation valves. Each port on each wellhead shall be equipped with either a valve or a blind flange. The valve or blind flange shall be rated at the same pressure as that for the wellhead.

(j) Each permittee shall install a supervisory control and data acquisition monitoring system approved by the secretary to monitor storage operations for individual storage caverns. Each of the following instruments shall be connected to an alarm:

(1) Flow indicators for natural gas;

(2) gas indicators; and

(3) pressure indicators on the product lines of the wellhead.

(k) Each permittee shall install emergency shutdown valves on all natural gas lines and, if present, brine or water lines. Each emergency shutdown valve shall meet the following requirements:

(1) Meet either of the following pressure-ratings:

(A) Be rated at least equivalent to 125% of the maximum pressure that could be exerted at the surface; or

(B) meet a pressure-rating standard equivalent to that specified in paragraph (k)(1)(A) and determined by the secretary to be protective of public health, safety, and the environment;

(2) fail to a closed position;

(3) be capable of remote and local operation; and

(4) be activated by any overpressuring in the natural gas system.

(l) Each permittee shall conduct annual inspections of all wellhead instrumentation.

(m) Each permittee shall function-test each critical control system and emergency shutdown valve semiannually.

(n) Each permittee shall perform trip testing of each loop, including the instrumentation, valves, shutdown

equipment, and all wiring connections, to ensure the integrity of the circuit.

(o) Each permittee shall ensure that the equipment automatically closes all inlets and outlets to the storage cavern and safely shuts down or diverts any operation associated with the storage cavern, in case of overfilling or emergency.

(p) Each permittee shall ensure that the automatic valve closure times meet the valve design limits for closure times.

(q) Each permittee shall cease operations or shall comply with the instructions from the secretary if the secretary determines that an imminent threat to public health, safety, or the environment exists due to any unsafe operating condition. The permittee may resume operations if the secretary determines that the facility's operations no longer pose a risk to public health, safety, or the environment. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-12. Design and construction of underground natural gas storage wells. (a) Each permittee of an existing underground natural gas storage well and each applicant for a permit for a new underground natural gas storage well shall ensure that each underground natural gas storage well is constructed with surface casing. The following requirements shall apply:

(1) Surface casing shall be set through all fresh and usable water formations and into competent bedrock.

(2) Surface casing shall be cemented by circulating cement through the bottom of the casing to the surface.

(3) The annular space between the casing and the formation shall be filled with cement.

(b) Each new and each existing underground natural gas storage well shall have double casing protection. The following requirements shall apply:

(1) The production casing shall extend a minimum of 105 feet into the salt formation.

(2) A tubing and mechanical packer assembly shall be installed inside the production casing.

(3) The packer shall be set at a depth approved by the secretary for the protection of public health, safety, and the environment.

(c) Each permittee of an underground natural gas storage facility shall install and maintain a corrosion control system. The following requirements shall apply:

(1) The corrosion control system shall be capable of protecting the well casings.

(2) The corrosion control system shall be assessed according to the protocol and time schedule recommended by the corrosion control system manufacturer, and the results reported to the secretary.

(d) The casing and tubing shall meet the performance standards for collapse resistance, internal yield pressure, and pipe body yield strength for the well's setting depths using criteria specified in the American petroleum institute's bulletin 5C2, twenty-first edition, dated October 1999, as adopted by reference in K.A.R. 28-45-15.

(e) Only new steel casing shall be installed in new underground natural gas wells. Used parts, materials, and

(continued)

equipment that have been tested and certified for continued service may be used for repairs.

(f) Liners shall extend from the surface to a depth near the bottom of the production casing allowing room for any workover operations.

(g) The following cementing requirements shall be met:

(1) The cement shall be compatible with the rock formation waters and the drilling fluids. Salt-saturated cement shall be used when cementing through the salt section.

(2) The cement across the confining zone and to the surface shall have a compressive strength of not less than 1,000 pounds per square inch.

(3) Remedial cementing shall be completed if there is evidence of either of the following:

(A) Communication between the confining zone and other horizons; or

(B) annular voids that would allow either fluid contact with the casing or channeling across the confining zone or above the confining zone.

(4) The following requirements for cement evaluation shall apply:

(A) Samples shall be obtained at the start and end of the cementing operation for evaluation of cement properties. All cement samples collected shall be representative of the cement being utilized.

(B) All samples shall be tested for compressive strength.

(C) A cement bond log shall be run on the surface casing, intermediate casing, and cemented production casing after the neat cement has cured for a minimum of 72 hours.

(h) Casing patches shall be prohibited, unless the secretary determines that the casing patches are protective of public health, safety, and the environment.

(i) Each permittee shall pressure-test the production casing for leaks when the well construction is completed.

(j) Each permittee shall submit a casing inspection base log for the entire cased interval for the innermost casing string or for the cemented liner that extends the entire length of the casing after the well construction is completed.

(k) Each container utilized in drilling or workover operations to contain workover wastes, drilling fluids, drilling mud, and drill cuttings shall be required to be approved in advance by the secretary. Drilling fluids, drilling mud, and drill cuttings shall be disposed of in a manner determined by the secretary to be protective of public health, safety, and the environment.

(l) A licensed professional engineer or licensed geologist, or licensed professional engineer's or licensed geologist's designee, shall supervise the installation of each underground natural gas storage well. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-13. Monitoring. (a) Each permittee shall ensure that each underground natural gas storage well is equipped with pressure sensors to continuously monitor wellhead pressures on the product line at the wellhead. The following requirements shall apply:

(1) The pressure sensor shall be capable of recording the maximum and minimum operating pressures during a 24-hour period.

(2) The pressure sensor shall be capable of recording operating pressures at an interval approved by the secretary.

(3) The permittee shall provide pressure data, including historic continuous monitoring, to the secretary upon request.

(b) Each permittee shall submit a plan for any monitoring activity, including logging and sonar surveys, to the secretary for review and consideration for approval to ensure the protection of public health, safety, and the environment, at least 60 days before the commencement of these monitoring activities.

(c) Each permittee shall submit a summary and the results of the monitoring activity to the secretary within 30 days after completion of the monitoring activity.

(d) Each permittee shall monitor the thickness of the salt roof for each cavern with gamma ray and density logs or other log specified in K.A.R. 28-45a-4 (k) as follows:

(1) Every five years;

(2) at any time that the secretary determines that cavern integrity is suspect; and

(3) before plugging the well.

(e) Each permittee shall determine the cavern storage capacity and the cavern geometry with a sonar survey. The sonar survey shall be conducted as follows:

(1) Before placing the natural gas storage cavern in service;

(2) for determining the capacity of the natural gas storage cavern, if the capacity determined by the volume of gas injected into and withdrawn from the storage cavern does not correspond with the reported cavern capacity;

(3) before plugging the well, if a sonar survey has not been run in the past five years;

(4) for determining the stability of the cavern and the overburden, if the salt roof thickness and cavern geometry indicate that the stability of the cavern or overburden is at risk; and

(5) after any solutioning that results in a solution volume increase of 20 percent or more of cavern capacity.

(f) Any permittee may use an alternative method for the sonar survey if the secretary determines that the alternative method is substantially equivalent to the method specified in subsection (e). The permittee shall submit the following information:

(1) A description of the proposed method and the theory for its operation;

(2) a description of the storage well and cavern conditions under which the log can be used;

(3) the procedure for interpreting the survey results; and

(4) an interpretation of the capacity and stability of the cavern upon completion of the survey.

(g) Each permittee of an underground natural gas storage well equipped with a production casing and a tubing and packer assembly shall monitor the annular space. Each permittee shall submit the following to the secretary for review and consideration for approval:

(1) A diagram of the well construction; and

(2) a plan for monitoring the annulus that includes the following:

(A) A diagram of the instrumentation for monitoring the annular pressure and fluid levels;

(B) a description of how the annular pressure and fluid levels will be recorded; and

(C) a description of, and justification for, the testing methods to demonstrate the mechanical integrity of the system.

(h) Each permittee shall submit a survey plan for monitoring ground subsidence, with the permit application, to the secretary for review and consideration for approval.

(1) The survey plan shall include the following information:

(A) A description of the method for conducting the elevation survey; and

(B) the criteria for establishing monuments, benchmarks, and wellhead survey points.

(2) The criteria for subsidence monitoring shall be the following:

(A) Level measurements to the accuracy of 0.01 foot shall be made.

(B) Surface elevation changes in excess of 0.10 foot shall be reported within 24 hours to the department.

(C) No established benchmark shall be changed unless the permittee submits a justification that the change is protective of public health, safety, and the environment.

(D) If a benchmark is changed, the elevation change from the previous benchmark shall be noted in the elevation survey report.

(E) Each permittee shall submit the elevation before and after any wellhead work that results in a change in the survey point at the wellhead.

(3) The survey shall be conducted by a licensed professional land surveyor.

(4) Biennial survey results, including certified and stamped field notes, shall be submitted to the department within 30 days after completion of the survey.

(i) Each permittee shall submit an inventory balance plan for measuring the volume of natural gas injected or withdrawn from each underground natural gas storage well, including methods for measuring and verifying volume, to the secretary for review and consideration for approval. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-14. Testing and inspections. (a) Each permittee shall submit a plan to the secretary for review and consideration for approval to ensure the protection of public health, safety, and the environment before conducting any underground natural gas storage well or cavern testing. Testing shall not commence without prior approval from the secretary.

(b) Each permittee shall submit a summary of the test to the secretary within 45 days after completion of the test. The summary shall include the following:

(1) A chronology of the test;

(2) copies of all logs;

(3) storage well completion information;

(4) pressure readings;

(5) volume measurements; and

(6) an explanation of the test results.

(c) Each permittee shall test each underground natural gas storage well and each underground natural gas stor-

age cavern for integrity. The following requirements shall apply:

(1) Each permittee of any new underground natural gas storage cavern shall test for integrity using a nitrogen interface test before the cavern is initially placed in service.

(2) Each permittee shall conduct a hydraulic pressure test for each underground natural gas storage well every five years.

(3) Each permittee shall conduct a pressure test for each underground natural gas storage cavern every five years.

(4) Integrity tests shall be conducted as follows:

(A) After each workover;

(B) before injecting working gas into any existing underground natural gas storage well that was prohibited from being injected with working gas as specified in K.S.A. 55-1,117 and amendments thereto; and

(C) before plugging the well.

(5) Each permittee shall submit a test procedure plan to the secretary, on a form furnished by the department, for review and consideration for approval, at least 60 days before test commencement. The plan shall include the following:

(A) The justification for the test parameters;

(B) the test sensitivities; and

(C) the pass and fail criteria for the test.

(6) Each permittee shall notify the secretary at least five days before conducting any integrity test.

(7) The integrity test shall be conducted at the maximum allowable operating pressure.

(8) All test procedures shall use certified gauges and pressure transducers that are calibrated annually.

(d) Any permittee may use an alternative integrity test method if the secretary determines that the alternative test method is substantially equivalent to the integrity test specified in subsection (c). The permittee shall submit the following information:

(1) A description of the test method and the theory of operation including the test sensitivities, a justification for the test parameters, and the pass and fail criteria for the test;

(2) a description of the well and cavern conditions under which the test can be conducted;

(3) the procedure for interpreting the test results; and

(4) an interpretation of the test upon completion of the test.

(e) Each permittee shall ensure the mechanical integrity of the underground natural gas storage cavern and well before placing the cavern and well into service.

(f) Each permittee shall submit a casing evaluation for each underground natural gas storage well. Acceptable casing evaluation methods shall include magnetic flux and ultrasonic imaging.

(g) Any permittee may use an alternative casing evaluation method if the secretary determines that the alternative casing evaluation method is substantially equivalent to the casing evaluation methods specified in subsection (f). The permittee shall meet the following requirements:

(1) Each permittee shall submit a description of the logging method, including the theory of operation and the well conditions suitable for log use.

(continued)

(2) Each permittee shall submit the specifications for the logging tool, including tool dimensions, maximum temperature and pressure rating, recommended logging speed, approximate image resolution, and hole size range.

(3) Each permittee shall describe the capabilities of the log for determining the following:

(A) The presence of any metal loss due to either of the following:

- (i) Internal or external corrosion; or
- (ii) internal wear;

(B) the degree of penetration of the corrosion or the casing defect; and

(C) the circumferential extent of the corrosion or the casing defect.

(4) Each permittee shall submit a log and an interpretation of the log to the secretary.

(h) Each permittee shall submit a casing evaluation according to the following schedule:

- (1) Every 10 years;
- (2) before the injection of working gas in an existing underground natural gas storage well; and
- (3) after any workover in which the injection string is pulled, if present.

(i) A licensed professional engineer or a licensed geologist, or a licensed professional engineer's or licensed geologist's designee, shall supervise all test procedures and associated field activity.

(j) A licensed professional engineer or a licensed geologist shall review all test results.

(k) Each permittee shall visually inspect the wellhead monthly for any leakage.

(l) Each permittee shall conduct an inspection of facility records, using a form furnished by the department, every two years to ensure that the required records are being properly maintained. The permittee shall maintain these records at the facility and shall make the records available to the secretary upon request. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-15. Groundwater monitoring. (a) Each permittee of an existing underground natural gas storage facility and each applicant for a permit for a new underground natural gas storage facility shall submit a groundwater monitoring plan with the permit application to the secretary for review and consideration for approval to ensure the protection of public health, safety, and the environment.

(b) Each permittee shall ensure that each groundwater monitoring well meets the following requirements:

(1) Each permittee shall set the screen in each shallow monitoring well at a depth that is inclusive of the seasonal fluctuation of the water table.

(2) Each permittee shall ensure that all deep groundwater monitoring wells extend a minimum of 25 feet into the bedrock, or to a depth based on the geology and hydrogeology at the facility and approved by the secretary.

(c) Each well location and the spacing between all well locations shall be based on the geology and the hydrogeology at the facility and approved by the secretary.

(d) Each permittee shall submit a quality assurance plan, including techniques prescribed for sampling and

analysis, with the permit application to the secretary for review and consideration for approval to ensure protection of public health, safety, and the environment.

(e) Each permittee shall collect groundwater samples and analyze the samples for chlorides and any other parameter determined by the secretary to pose a threat to public health, safety, and the environment. The reporting format shall be determined by the secretary.

(f) Each permittee shall submit the results for chloride analyses from groundwater samples to the department on a quarterly basis.

(g) Each permittee shall monitor monthly for the presence of combustible gas in the headspace in monitoring wells and shall submit the results to the department on a quarterly basis.

(h) Each permittee shall submit a static groundwater level measurement for each monitoring well with the quarterly chloride results specified in subsection (f).

(i) Any permittee of an underground storage facility where groundwater chloride concentrations exceed 250 milligrams per liter may be required by the secretary to submit a work plan, for review and consideration for approval, that describes methods to delineate any potential source area and to control migration of the chloride contamination.

(j) Each permittee of a facility with any detection of combustible gas shall submit a work plan that describes the methods to eliminate any source areas and return the combustible gas levels to levels that do not pose a risk to public health, safety, and the environment. The plan shall be approved if the secretary determines that the plan is protective of public health, safety, and the environment. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-16. Record requirements and retention. (a) Each permittee shall complete and submit an annual report, on a form furnished by the department, on or before April 1 of each year. The annual report shall include the following:

(1) A description of any incident of uncontrolled or unanticipated product loss;

(2) the well number and date of any logs or sonar surveys conducted;

(3) the estimated storage capacity for all unplugged caverns;

(4) a list of any caverns being washed;

(5) a list of the product volume injected and withdrawn for each well; and

(6) a list, by well number, of the maximum and minimum product storage pressures encountered during the report year.

(b) Each permittee shall retain and maintain the following records at the facility for the following time periods:

(1) For 10 years, the following records:

(A) The maximum and minimum operating pressures for each well; and

(B) the annual inspections required by the secretary;

(2) for the life of the underground natural gas storage well, the following records:

(A) The casing records for each well;

(B) the cementing records for each well; and
 (C) all workover records; and
 (3) for the life of the facility, the following records:
 (A) All logging events;
 (B) all mechanical integrity tests and other testing;
 (C) all groundwater monitoring data; and
 (D) all correspondence relating to the permit, including electronic mail.
 (c) Surface elevation surveys shall be maintained and retained for the life of facility plus 20 years after the facility's closure.
 (d) All required facility records, reports, and documents shall be transferred to the new permittee with the transfer of the permit. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-17. Well workovers. (a) Each permittee shall submit a workover plan to the secretary for review and consideration for approval to ensure the protection of public health, safety, and the environment. The following provisions shall apply:

(1) Each permittee shall submit the workover plan at least 10 days before performing any downhole or well-head work that involves dismantling or removal of the wellhead.

(2) The permittee shall not be required to submit a workover plan for routine maintenance or replacement of gauges, sensors, or valves.

(3) Verbal authorization to initiate downhole or well-head work may be issued by the secretary.

(b) Each permittee shall ensure that a blowout preventer with a pressure rating greater than the pressures to be encountered is used during each workover.

(c) Each permittee shall ensure that logging procedures are conducted through a lubricator unit with a pressure rating greater than the pressures anticipated to be encountered.

(d) Each permittee shall provide the person performing the logging or well workover with all relevant information concerning the status and condition of the well and storage cavern before initiating any work. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-02, April 1, 2003; effective Aug. 8, 2003.)

28-45a-18. Plugging requirements. (a) Each permittee shall submit a plugging plan to the secretary for review and consideration for approval to ensure the pro-

tection of public health, safety, and the environment, at least 60 days before the plugging event.

(b) Each permittee shall follow plugging procedures specified in the department's document titled "procedure for the plugging and abandonment of a natural gas storage well, procedure #: UICLPG-8," dated March 2003, which is hereby adopted by reference.

(c) Each permittee shall restore and preserve the integrity of the site as follows:

(1) Dispose of all liquid waste in an environmentally safe manner;

(2) clear the area of debris;

(3) drain and fill all excavations;

(4) remove all unused concrete bases, machinery, and materials; and

(5) level and restore the site. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

28-45a-19. Underground natural gas storage fees.

(a) Effective on and after January 1, 2004, each permittee shall submit an annual permit fee of \$18,890 per facility and \$305 per unplugged underground natural gas storage well on or before April 1 of each year.

(b) Each permittee shall submit a permit fee of \$305 for any unplugged underground natural gas storage well inadvertently omitted from the collection of permit fees for the year 2003.

(c) Each applicant for a permit for a proposed new underground natural gas storage well shall submit a fee of \$700 with the permit application.

(d) Fees shall be made payable to the "Kansas department of health and environment—subsurface hydrocarbon storage fund."

(e) The fees collected under the provisions of this regulation shall not be refunded.

(f) If the ownership of a storage well or storage facility changes during the term of a valid permit, no additional fee shall be required, unless a change occurs that results in a new storage well or an expanded facility operation. (Authorized by and implementing K.S.A. 2002 Supp. 55-1,117; effective, T-28-4-1-03, April 1, 2003; effective Aug. 8, 2003.)

Roderick L. Bremby
 Secretary of Health
 and Environment

Doc. No. 029588

INDEX TO ADMINISTRATIVE REGULATIONS

This index lists in numerical order the new, amended and revoked administrative regulations and the volume and page number of the *Kansas Register* issue in which more information can be found. Temporary regulations are designated with a (T) in the Action column. This cumulative index supplements the 2000 Volumes and 2002 Supplement to the *Kansas Administrative Regulations*.

Reg. No.	AGENCY 1: DEPARTMENT OF ADMINISTRATION Action	Register		
1-2-31	Amended	V. 21, p. 767	1-16-18	Amended
1-2-42	Amended	V. 21, p. 767	1-45-1	
1-2-42a	Amended	V. 21, p. 767	1-45-1 through	
1-2-48	Revoked	V. 21, p. 767	1-45-7	Revoked
1-5-22	Amended	V. 21, p. 767	1-45-7a	Revoked
1-5-29	Amended	V. 21, p. 767	1-45-8	
1-6-3	Amended	V. 21, p. 767	1-45-8 through	
1-6-21	Amended	V. 21, p. 768	1-45-14	Revoked
1-6-23	Amended (T)	V. 22, p. 466	1-45-15	Amended (T)
1-6-23	Amended	V. 22, p. 1230	1-45-15	Revoked
1-6-26a	New	V. 21, p. 768	1-45-16	Amended (T)
1-9-4	Amended	V. 21, p. 768	1-45-16	Revoked
1-9-5	Amended	V. 21, p. 769	1-45-17	Revoked
1-9-7b	Amended	V. 21, p. 2048	1-45-18	
1-11-1	Amended	V. 21, p. 770	1-45-18 through	
1-14-12a	Revoked	V. 21, p. 770	1-45-24	New
			1-47-1	Amended
			1-49-1	Amended

V. 21, p. 146
 V. 22, p. 226
 V. 22, p. 226
 V. 22, p. 226
 V. 21, p. 1942
 V. 22, p. 226
 V. 21, p. 1942
 V. 21, p. 226
 V. 22, p. 226
 V. 22, p. 226-228
 V. 22, p. 850
 V. 22, p. 851
 (continued)

1-49-12 New V. 22, p. 851

AGENCY 3: KANSAS STATE TREASURER

Reg. No.	Action	Register
3-2-2	Amended	V. 21, p. 1944
3-2-3	Amended	V. 21, p. 1944

AGENCY 4: DEPARTMENT OF AGRICULTURE

Reg. No.	Action	Register
4-1-17	Amended (T)	V. 21, p. 1174
4-1-17	Amended	V. 21, p. 1749
4-4-2	Amended	V. 21, p. 1749
4-4-900	Amended	V. 22, p. 1191
4-4-956	Amended	V. 22, p. 1192
4-4-982	Amended	V. 22, p. 1192
4-4-983	Amended	V. 22, p. 1192
4-4-985	New	V. 22, p. 1193
4-4-986	New	V. 22, p. 1194
4-7-2	Amended	V. 21, p. 2020
4-7-3	Amended	V. 21, p. 2020
4-7-4	Amended	V. 21, p. 2020
4-7-6	Amended	V. 21, p. 2021
4-7-213	Amended	V. 21, p. 2021
4-7-213a	Revoked	V. 21, p. 2021
4-7-214	Amended	V. 21, p. 2021
4-7-216	Amended	V. 21, p. 2021
4-7-408	Revoked	V. 21, p. 2021
4-7-507	Amended	V. 21, p. 2021
4-7-510	Amended	V. 21, p. 2021
4-7-511	Revoked	V. 21, p. 2021
4-7-512	Revoked	V. 21, p. 2022
4-7-513	Revoked	V. 21, p. 2022
4-7-530	Amended	V. 21, p. 2022
4-7-531	Amended	V. 21, p. 2022
4-7-532	Amended	V. 21, p. 2022
4-7-533	Amended	V. 21, p. 2022
4-7-715	Amended	V. 21, p. 2022
4-7-716	Amended	V. 21, p. 2022
4-7-717	Amended	V. 21, p. 2023
4-7-718	Amended	V. 21, p. 2023
4-7-719	Amended	V. 21, p. 2023
4-7-720	Revoked	V. 21, p. 2023
4-7-721	Revoked	V. 21, p. 2023
4-7-722	Revoked	V. 21, p. 2023
4-7-802	Revoked	V. 21, p. 2023
4-7-804	New	V. 21, p. 2023
4-7-900	Amended	V. 21, p. 2024
4-7-901	Amended	V. 21, p. 2024
4-7-902	Amended	V. 21, p. 2024
4-7-903	Amended	V. 21, p. 2024
4-7-904	Amended	V. 21, p. 2024
4-7-905	Revoked	V. 21, p. 2024
4-7-1000	Amended	V. 21, p. 2024
4-7-1001	Revoked	V. 21, p. 2025
4-8-43	New (T)	V. 22, p. 82
4-8-43	New	V. 22, p. 432
4-13-1	Amended	V. 22, p. 1194
4-13-2	Amended	V. 22, p. 1195
4-13-4a	Amended	V. 22, p. 1195
4-13-6	Amended	V. 22, p. 1196
4-13-7	Amended	V. 22, p. 1196
4-13-9	Amended (T)	V. 21, p. 1174
4-13-9	Amended	V. 21, p. 1749
4-13-20 through 4-13-24	Amended (T)	V. 21, p. 1174, 1175
4-13-20 through 4-13-24	Amended	V. 21, p. 1749, 1750
4-13-25	Amended	V. 21, p. 2043
4-13-25a through 4-13-25l	New	V. 21, p. 2044-2047
4-13-26	Amended	V. 22, p. 1196
4-13-33	Amended (T)	V. 21, p. 1175
4-13-33	Amended	V. 21, p. 1750
4-14-1	Revoked	V. 21, p. 1705
4-14-2	Revoked	V. 21, p. 1705
4-14-3	Revoked	V. 21, p. 1705
4-15-1	Revoked	V. 21, p. 1705
4-15-2	Revoked	V. 21, p. 1705
4-15-3	Revoked	V. 21, p. 1705
4-15-4 through 4-15-14	New	V. 21, p. 1705-1708
4-16-7a	Amended	V. 22, p. 12
4-18-1	Revoked	V. 21, p. 1708

4-19-1	Amended (T)	V. 21, p. 1175
4-19-1	Amended	V. 21, p. 1750
4-20-11	Amended	V. 22, p. 385
4-20-15	Amended	V. 22, p. 385
4-21-1	Amended	V. 22, p. 385
4-21-3	Amended	V. 22, p. 386
4-21-4	Amended	V. 22, p. 386
4-21-5	Amended	V. 22, p. 387
4-21-6	Amended	V. 22, p. 387
4-21-7	New	V. 22, p. 387
4-25-2 through 4-25-18	New	V. 21, p. 232-235

AGENCY 5: DEPARTMENT OF AGRICULTURE—DIVISION OF WATER RESOURCES

Reg. No.	Action	Register
5-3-26	Amended (T)	V. 21, p. 1131
5-3-26	Amended	V. 21, p. 1704
5-15-1 through 5-15-4	New (T)	V. 21, p. 690-692
5-15-1 through 5-15-4	New	V. 21, p. 1307-1309
5-16-1 through 5-16-7	New	V. 21, p. 1667-1669
5-21-6	New	V. 22, p. 41
5-21-7	New	V. 22, p. 42
5-22-2	Amended	V. 21, p. 2133
5-22-4	Amended	V. 21, p. 2133
5-22-4a	New	V. 21, p. 2134
5-22-5	Revoked	V. 21, p. 2134
5-22-12	New	V. 21, p. 2134
5-23-6	Amended	V. 21, p. 2134
5-24-5	Amended	V. 21, p. 2135
5-24-7	Amended	V. 21, p. 2135
5-24-8	New	V. 21, p. 2135
5-24-9	New	V. 21, p. 2136
5-24-10	New	V. 21, p. 2136

AGENCY 7: SECRETARY OF STATE

Reg. No.	Action	Register
7-16-1	New (T)	V. 22, p. 1226
7-16-2	New (T)	V. 22, p. 1226
7-23-13	Amended	V. 21, p. 1056
7-37-2	Amended	V. 21, p. 1056

AGENCY 9: ANIMAL HEALTH DEPARTMENT

Reg. No.	Action	Register
9-7-19	New	V. 21, p. 265
9-18-1	Amended	V. 22, p. 794
9-18-2	New (T)	V. 22, p. 1260
9-18-3	New (T)	V. 22, p. 1260
9-19-1 through 9-19-11	Revoked (T)	V. 22, p. 1261
9-19-12	New (T)	V. 22, p. 1261
9-22-4	New	V. 22, p. 795
9-22-4	Amended (T)	V. 22, p. 1261
9-22-5	New	V. 22, p. 796
9-22-5	Amended (T)	V. 22, p. 1262
9-25-2	Amended (T)	V. 22, p. 1264
9-25-3	Amended (T)	V. 22, p. 1264
9-25-5	Amended (T)	V. 22, p. 1265
9-25-6	Amended (T)	V. 22, p. 1266
9-25-12	Amended (T)	V. 22, p. 1267
9-26-1	Amended (T)	V. 22, p. 1267

AGENCY 10: KANSAS BUREAU OF INVESTIGATION

Reg. No.	Action	Register
10-12-1	Amended	V. 21, p. 454
10-13-1	Amended	V. 21, p. 454
10-20-2a	New	V. 21, p. 454
10-21-1 through 10-21-6	Amended	V. 21, p. 454-456

AGENCY 11: STATE CONSERVATION COMMISSION

Reg. No.	Action	Register
11-1-6	Amended	V. 21, p. 1318
11-1-7	Amended	V. 21, p. 1318

11-1-8	Amended	V. 21, p. 1318
11-1-9 through 11-1-14	New	V. 21, p. 1319-1321
11-2-4 through 11-2-6	Revoked	V. 21, p. 1321
11-5-1 through 11-5-4	Revoked	V. 21, p. 1321
11-7-6	Amended	V. 21, p. 1321
11-7-7	Amended	V. 21, p. 1321
11-7-12 through 11-7-15	Amended	V. 21, p. 1322, 1323
11-7-16	New	V. 21, p. 1323
11-9-2	Amended	V. 21, p. 1323
11-9-5	Amended	V. 21, p. 1323
11-9-10	Amended	V. 21, p. 1323
11-10-1 through 11-10-6	New	V. 21, p. 1323-1324

AGENCY 14: DEPARTMENT OF REVENUE—DIVISION OF ALCOHOLIC BEVERAGE CONTROL

Reg. No.	Action	Register
14-12-1 through 14-12-18	Revoked	V. 21, p. 2095
14-13-14	New	V. 21, p. 1054
14-13-15	New	V. 21, p. 1055
14-14-6	Revoked	V. 21, p. 2095
14-14-6a	New	V. 21, p. 2095
14-15-1	New	V. 22, p. 123
14-15-2	New	V. 22, p. 123

AGENCY 17: STATE BANK COMMISSIONER

Reg. No.	Action	Register
17-11-18	Amended	V. 22, p. 798
17-24-3	New	V. 21, p. 212

AGENCY 22: STATE FIRE MARSHAL

Reg. No.	Action	Register
22-24-1 through 22-24-18	New	V. 21, p. 147-150

AGENCY 25: STATE GRAIN INSPECTION DEPARTMENT (By Department of Agriculture)

Reg. No.	Action	Register
25-1-3 through 25-1-6	Revoked	V. 21, p. 235, 236
25-1-12	Revoked	V. 21, p. 236
25-1-15	Revoked	V. 21, p. 236
25-1-19 through 25-1-28	Revoked	V. 21, p. 236
25-2-4	Revoked	V. 21, p. 236
25-3-2 through 25-3-6	Revoked	V. 21, p. 236
25-3-8	Revoked	V. 21, p. 236
25-3-10 through 25-3-13	Revoked	V. 21, p. 236
25-3-15	Revoked	V. 21, p. 236
25-3-16	Revoked	V. 21, p. 236
25-3-17	Revoked	V. 21, p. 236
25-4-4	Revoked	V. 21, p. 236
25-5-1	Revoked	V. 21, p. 236

AGENCY 26: DEPARTMENT ON AGING

Reg. No.	Action	Register
26-1-1	Amended	V. 21, p. 743
26-1-4	Revoked	V. 21, p. 745
26-1-5	Amended	V. 21, p. 745
26-2-3	Amended	V. 22, p. 1258
26-2-4	Amended	V. 21, p. 745
26-2-9	Amended	V. 22, p. 1259
26-3-2	Revoked	V. 21, p. 745
26-5-1	Revoked	V. 21, p. 745
26-5-6	Amended	V. 21, p. 745

26-8-1	Amended (T)	V. 21, p. 1222
26-8-1	Amended	V. 21, p. 1747
26-8-2	Amended (T)	V. 21, p. 1172
26-8-2	Amended	V. 21, p. 1747
26-8-3	Revoked (T)	V. 21, p. 1173
26-8-3	Revoked	V. 21, p. 1748
26-8-5	Amended (T)	V. 21, p. 1173
26-8-5	Amended	V. 21, p. 1748
26-8-6	Revoked (T)	V. 21, p. 1173
26-8-6	Revoked	V. 21, p. 1748
26-8-7	Amended (T)	V. 21, p. 1173
26-8-7	Amended	V. 21, p. 1748
26-8-8	Amended (T)	V. 21, p. 1173
26-8-8	Amended	V. 21, p. 1748
26-8-9	Revoked (T)	V. 21, p. 1173
26-8-9	Revoked	V. 21, p. 1748
26-8-12	Revoked (T)	V. 21, p. 1173
26-8-12	Revoked	V. 21, p. 1748
26-8-13	Revoked (T)	V. 21, p. 1173
26-8-13	Revoked	V. 21, p. 1748
26-8-14	Revoked (T)	V. 21, p. 1173
26-8-14	Revoked	V. 21, p. 1748
26-8-15	New (T)	V. 21, p. 1173
26-8-15	New	V. 21, p. 1748
26-11-1	New	V. 21, p. 1405
26-11-2	New	V. 21, p. 1405
26-11-3	New	V. 21, p. 1405

AGENCY 28: DEPARTMENT OF HEALTH AND ENVIRONMENT

Reg. No.	Action	Register
28-1-18	Amended (T)	V. 21, p. 1405
28-1-18	Amended	V. 21, p. 1920
28-4-269	Amended (T)	V. 21, p. 497
28-4-269	Amended	V. 21, p. 1167
28-4-331	Amended (T)	V. 21, p. 498
28-4-331	Amended	V. 21, p. 1168
28-4-351	Amended (T)	V. 21, p. 500
28-4-351	Amended	V. 21, p. 1170
28-4-576		
through		
28-4-596	New (T)	V. 21, p. 597-616
28-4-576		
through		
28-4-596	New	V. 21, p. 2138-2156
28-14-1	Amended	V. 21, p. 1791
28-14-2	Amended	V. 21, p. 1791
28-16-28b		
through		
28-16-28e	Amended	V. 21, p. 2096-2012
28-17-6	Amended	V. 21, p. 1704
28-17-6	Amended (T)	V. 22, p. 1225
28-19-17	Amended	V. 21, p. 1892
28-19-17a		
through		
28-19-17q	Revoked	V. 21, p. 1892
28-19-75	Revoked	V. 21, p. 1325
28-19-350	New	V. 21, p. 1892
28-19-564	Amended	V. 21, p. 1581
28-19-714	New	V. 21, p. 1325
28-29-3	Amended	V. 22, p. 798
28-29-18	Revoked	V. 21, p. 310
28-29-20	Amended	V. 22, p. 801
28-29-29	Amended	V. 21, p. 310
28-29-101	Revoked	V. 22, p. 802
28-29-109	Amended	V. 22, p. 802
28-29-2201	New	V. 21, p. 310
28-31-1	Amended	V. 21, p. 1511
28-31-2	Amended	V. 21, p. 1512
28-31-3	Amended	V. 21, p. 1512
28-31-4	Amended	V. 21, p. 1512
28-31-6	Amended	V. 21, p. 1517
28-31-8	Amended	V. 21, p. 1518
28-31-8b	Amended	V. 21, p. 1519
28-31-9	Amended	V. 21, p. 1519
28-31-10	Amended	V. 21, p. 1519
28-31-10a	Amended	V. 21, p. 1520
28-31-11	Revoked	V. 21, p. 1520
28-31-14	Amended	V. 21, p. 1520
28-31-15	Amended	V. 21, p. 1520
28-31-16	Amended	V. 21, p. 1520
28-38-18		
through		
28-38-23	Amended	V. 22, p. 7-9
28-38-28	Amended	V. 22, p. 10
28-38-29	Amended	V. 22, p. 10
28-38-30	Amended	V. 22, p. 11
28-45-2	Revoked (T)	V. 22, p. 531

28-45-2a	New (T)	V. 22, p. 531
28-45-3	Revoked (T)	V. 22, p. 532
28-45-3a	New (T)	V. 22, p. 532
28-45-4	Revoked (T)	V. 22, p. 533
28-45-4a	New (T)	V. 22, p. 533
28-45-5	Revoked (T)	V. 22, p. 533
28-45-5a	New (T)	V. 22, p. 533
28-45-6	Revoked (T)	V. 22, p. 534
28-45-6a	New (T)	V. 22, p. 534
28-45-7	Revoked (T)	V. 22, p. 535
28-45-7a	New (T)	V. 22, p. 535
28-45-8	Revoked (T)	V. 22, p. 536
28-45-8a	New (T)	V. 22, p. 536
28-45-9	Revoked (T)	V. 22, p. 536
28-45-9a	New (T)	V. 22, p. 536
28-45-10	Revoked (T)	V. 22, p. 536
28-45-10a	New (T)	V. 22, p. 536
28-45-11	Revoked (T)	V. 22, p. 537
28-45-11a	New (T)	V. 22, p. 537
28-45-12		
through		
28-45-30	New (T)	V. 22, p. 537-548
28-45a-1		
through		
28-45a-19	New (T)	V. 22, p. 548-557
28-55-3	Amended	V. 21, p. 311
28-55-5	Amended	V. 21, p. 311
28-72-1		
through		
28-72-4	Amended	V. 21, p. 1944-1948
28-72-4a	Amended	V. 21, p. 1952
28-72-4b	Amended	V. 21, p. 1954
28-72-4c	Amended	V. 21, p. 1955
28-72-5		
through		
28-72-18	Amended	V. 21, p. 1957-1971
28-72-18e	Amended	V. 21, p. 1973
28-72-19	Amended	V. 21, p. 1974
28-72-21	Amended	V. 21, p. 1974

AGENCY 30: SOCIAL AND REHABILITATION SERVICES

Reg. No.	Action	Register
30-4-90	Amended	V. 21, p. 1005
30-4-96	Revoked	V. 22, p. 249
30-5-64	Amended	V. 22, p. 1147
30-5-81u	Amended (T)	V. 22, p. 83
30-5-81u	Amended	V. 22, p. 432
30-5-94	Amended	V. 21, p. 2049
30-5-101	Revoked	V. 21, p. 1007
30-5-101a	Revoked	V. 21, p. 2049
30-5-102	Amended (T)	V. 22, p. 83
30-5-102	Amended	V. 22, p. 432
30-5-105	Amended (T)	V. 22, p. 83
30-5-105	Amended	V. 22, p. 433
30-5-107	Amended	V. 22, p. 1043
30-5-107a	Amended	V. 22, p. 1044
30-5-108a	Amended	V. 21, p. 2049
30-5-300	Amended	V. 21, p. 1007
30-5-308	Amended	V. 21, p. 2049
30-6-65	Amended	V. 22, p. 1044
30-6-86	Amended	V. 21, p. 2049
30-6-88	New	V. 21, p. 1010
30-6-94	Amended	V. 21, p. 506
30-6-103	Amended (T)	V. 22, p. 84
30-6-103	Amended	V. 22, p. 433
30-6-106	Amended	V. 22, p. 249
30-6-107	Amended	V. 21, p. 1011
30-6-108	Amended	V. 22, p. 1045
30-6-109	Amended	V. 22, p. 1045
30-6-112	Amended	V. 21, p. 1013
30-10-1a	Amended	V. 21, p. 506
30-10-2	Amended	V. 21, p. 508
30-10-6	Amended	V. 21, p. 1014
30-10-7	Amended	V. 21, p. 509
30-10-11	Amended	V. 21, p. 1015
30-10-15a	Amended	V. 21, p. 1017
30-10-15b	Amended	V. 21, p. 1018
30-10-17	Amended (T)	V. 22, p. 990
30-10-17	Amended	V. 22, p. 1233
30-10-18	Amended (T)	V. 22, p. 991
30-10-18	Amended	V. 22, p. 1234
30-10-19	Amended (T)	V. 22, p. 994
30-10-19	Amended	V. 22, p. 1236
30-10-21	Amended	V. 21, p. 1024
30-10-23a	Amended	V. 21, p. 2055
30-10-24	Amended	V. 21, p. 1025
30-10-25	Amended	V. 21, p. 1026

30-10-27	Amended	V. 21, p. 1027
30-10-29	Revoked	V. 21, p. 1028
30-12-16		
through		
30-12-22	Revoked	V. 21, p. 331
30-13-17		
through		
30-13-26	Revoked	V. 21, p. 331
30-14-28	Amended (T)	V. 22, p. 84
30-14-28	Amended	V. 22, p. 434
30-44-5	New	V. 22, p. 1047
30-60-1	Amended	V. 22, p. 1090
30-60-2	Amended	V. 22, p. 1090
30-60-5	Amended	V. 22, p. 1090
30-60-6	Amended	V. 22, p. 1091
30-60-7	Amended	V. 22, p. 1092
30-60-8	New	V. 22, p. 1092
30-60-10	Amended	V. 22, p. 1093
30-60-11	Amended	V. 22, p. 1093
30-60-12	Amended	V. 22, p. 1093
30-60-13	New	V. 22, p. 1094
30-60-14	New	V. 22, p. 1094
30-60-15	New	V. 22, p. 1094
30-60-16	New	V. 22, p. 1094
30-60-17	Amended	V. 22, p. 1095
30-60-18	Amended	V. 22, p. 1095
30-16-19	Amended	V. 22, p. 1096
30-60-25	Amended	V. 22, p. 1096
30-60-26	Amended	V. 22, p. 1097
30-60-27	Amended	V. 22, p. 1097
30-60-28	Amended	V. 22, p. 1097
30-60-29	New	V. 22, p. 1097
30-60-30	New	V. 22, p. 1098
30-60-40	Amended	V. 22, p. 1098
30-60-41	Amended	V. 22, p. 1098
30-60-45	Amended	V. 22, p. 1099
30-60-46	Amended	V. 22, p. 1099
30-60-47	Amended	V. 22, p. 1099
30-60-48	New	V. 22, p. 1099
30-60-49	New	V. 22, p. 1100
30-60-50	Amended	V. 22, p. 1100
30-60-51	New	V. 22, p. 1101
30-60-55	Amended	V. 22, p. 1102
30-60-56	New	V. 22, p. 1103
30-60-57	New	V. 22, p. 1103
30-60-60	Revoked	V. 22, p. 1103
30-60-61	Revoked	V. 22, p. 1103
30-60-62	Amended	V. 22, p. 1103
30-60-63	New	V. 22, p. 1104
30-60-64	New	V. 22, p. 1105
30-60-70	Amended	V. 22, p. 1108
30-60-71	Amended	V. 22, p. 1108
30-60-72	Amended	V. 22, p. 1108
30-60-73	Amended	V. 22, p. 1108
30-60-74	Amended	V. 22, p. 1109
30-60-75	Revoked	V. 22, p. 1109
30-60-76	Amended	V. 22, p. 1109
30-61-1	Amended	V. 22, p. 1109
30-61-2	Amended	V. 22, p. 1109
30-61-5	Amended	V. 22, p. 1109
30-61-6	Amended	V. 22, p. 1110
30-61-10	Amended	V. 22, p. 1110
30-61-11	New	V. 22, p. 1110
30-61-15	Amended	V. 22, p. 1110
30-61-16	Revoked	V. 22, p. 1111
30-64-20	Amended	V. 21, p. 80
30-64-22	Amended	V. 21, p. 80
30-64-23	Amended	V. 21, p. 80
30-64-24	Amended	V. 21, p. 1310
30-64-30	Amended	V. 21, p. 81
30-64-31	Amended	V. 21, p. 81
30-64-32	Amended	V. 21, p. 82
30-64-34	Revoked	V. 21, p. 82

AGENCY 40: KANSAS INSURANCE DEPARTMENT

Reg. No.	Action	Register
40-1-34	Amended	V. 21, p. 2131
40-1-43	Amended	V. 21, p. 451
40-1-46	Amended	V. 21, p. 212
40-1-47	New	V. 21, p. 588
40-1-48	Amended	V. 21, p. 1056
40-1-49	New	V. 21, p. 1703
40-2-22	Revoked	V. 21, p. 589
40-4-36	Amended	V. 22, p. 465
40-4-37	Amended	V. 21, p. 741
40-4-37k	Amended	V. 21, p. 1272

(continued)

40-4-37q	New	V. 21, p. 1272
40-4-37s	New	V. 21, p. 743
40-4-37t	New	V. 21, p. 1272
40-4-37u	New	V. 21, p. 1370

AGENCY 44: DEPARTMENT OF CORRECTIONS

Reg. No.	Action	Register
44-4-103	Revoked	V. 21, p. 309
44-4-104	Revoked	V. 21, p. 309
44-4-106 through 44-4-109		
44-4-109	Revoked	V. 21, p. 309
44-5-101	Revoked	V. 21, p. 309
44-5-103	Revoked	V. 21, p. 309
44-5-107 through 44-5-110		
44-5-110	Revoked	V. 21, p. 309
44-5-113	Revoked	V. 21, p. 309
44-5-114	Revoked	V. 21, p. 309
44-6-101	Amended	V. 21, p. 1406
44-6-106	Amended	V. 21, p. 1407
44-6-107	Amended	V. 21, p. 1407
44-6-108	Amended	V. 21, p. 1408
44-6-114c	Amended	V. 21, p. 1408
44-6-114d	New	v. 21, p. 1409
44-6-114e	New	V. 21, p. 1409
44-6-115	Revoked	V. 21, p. 1415
44-6-115a	Amended (T)	V. 22, p. 383
44-6-115a	Amended	V. 22, p. 1231
44-6-115b	New	V. 21, p. 1415
44-6-115c	New	V. 21, p. 1417
44-6-117	Revoked	V. 21, p. 1418
44-6-120	Revoked	V. 21, p. 1418
44-6-124	Revoked	V. 21, p. 1418
44-6-125	Amended	V. 21, p. 1418
44-6-126	Amended	V. 21, p. 1419
44-6-133	Revoked	V. 21, p. 1419
44-6-134	Amended	V. 21, p. 1419
44-6-136	Amended	V. 21, p. 1419
44-6-136a	Amended	V. 21, p. 1420
44-6-137	Amended	V. 21, p. 1420
44-6-138	Amended	V. 21, p. 1420
44-6-140	Amended	V. 21, p. 1421
44-6-140a	Amended	V. 21, p. 1421
44-6-141	Amended	V. 21, p. 1421
44-6-142	Revoked	V. 21, p. 1421
44-6-143	Amended	V. 21, p. 1421
44-6-146	Revoked	V. 21, p. 1422
44-7-102	Revoked	V. 21, p. 309
44-7-103	Revoked	V. 21, p. 309
44-7-105	Revoked	V. 21, p. 309
44-7-106	Revoked	V. 21, p. 309
44-7-107	Revoked	V. 21, p. 309
44-7-109	Revoked	V. 21, p. 309
44-7-112	Revoked	V. 21, p. 309
44-7-114	Revoked	V. 21, p. 309
44-7-115	Revoked	V. 21, p. 309
44-7-116	Revoked	V. 21, p. 309
44-8-110 through 44-8-114		
44-8-114	Revoked	V. 21, p. 309
44-11-111	Amended	V. 21, p. 335
44-11-112	Revoked	V. 21, p. 336
44-11-113	Amended	V. 21, p. 336
44-11-114	Revoked	V. 21, p. 336
44-11-115	Revoked	V. 21, p. 336
44-11-119	Amended	V. 21, p. 336
44-11-120	Amended	V. 21, p. 336
44-11-121	Amended	V. 21, p. 337
44-11-122	Revoked	V. 21, p. 337
44-11-123	Amended	V. 21, p. 337
44-11-124	Revoked	V. 21, p. 337
44-11-127	Amended	V. 21, p. 337
44-11-129	Amended	V. 21, p. 338
44-11-130	Amended	V. 21, p. 338
44-11-131	Amended	V. 21, p. 339
44-11-132	Amended	V. 21, p. 339
44-11-133	Amended	V. 21, p. 339
44-11-135	Amended	V. 21, p. 339
44-12-103	Amended	V. 21, p. 117
44-12-105	Amended	V. 21, p. 117
44-12-106	Amended	V. 21, p. 117
44-12-107	Amended	V. 21, p. 117
44-12-201 through 44-12-205		
44-12-205	Amended	V. 21, p. 118
44-12-210	Amended	V. 21, p. 118

44-12-303	Amended	V. 21, p. 118
44-12-305	Amended	V. 21, p. 118
44-12-306	Amended	V. 21, p. 119
44-12-307	Amended	V. 21, p. 119
44-12-309	Amended	V. 21, p. 119
44-12-310	Amended	V. 21, p. 119
44-12-312	Amended	V. 21, p. 119
44-12-313	Amended	V. 21, p. 119
44-12-314	Amended	V. 21, p. 119
44-12-318	Amended	V. 21, p. 120
44-12-320	Revoked	V. 21, p. 120
44-12-321	Amended	V. 21, p. 120
44-12-325	Amended	V. 21, p. 120
44-12-326	Revoked	V. 21, p. 120
44-12-327	Amended	V. 21, p. 120
44-12-328	Amended	V. 21, p. 120
44-12-401	Amended	V. 21, p. 120
44-12-501	Amended	V. 21, p. 121
44-12-503	Amended	V. 21, p. 121
44-12-504	Amended	V. 21, p. 121
44-12-505b	Amended	V. 21, p. 121
44-12-601	Amended	V. 21, p. 121
44-12-602	Amended	V. 21, p. 123
44-12-702	Amended	V. 21, p. 123
44-12-801	Amended	V. 21, p. 123
44-12-902	Amended	V. 21, p. 123
44-12-1002	Amended (T)	V. 22, p. 384
44-12-1002	Amended	V. 22, p. 1232
44-12-1306	Amended	V. 21, p. 123
44-12-1307	Amended	V. 21, p. 124
44-13-101	Amended	V. 21, p. 151
44-13-104	Revoked	V. 21, p. 151
44-13-105	Amended	V. 21, p. 151
44-13-106	Amended	V. 21, p. 151
44-13-201	Amended	V. 21, p. 152
44-13-201b	Amended (T)	V. 22, p. 384
44-13-201b	Amended	V. 22, p. 1232
44-13-202	Amended	V. 21, p. 153
44-13-302a	Revoked	V. 21, p. 153
44-13-304	Revoked	V. 21, p. 153
44-13-306	New	V. 21, p. 154
44-13-307	New	V. 21, p. 154
44-13-401	Amended	V. 21, p. 154
44-13-401a	Revoked	V. 21, p. 154
44-13-402	Amended	V. 21, p. 154
44-13-403	Amended	V. 21, p. 155
44-13-404	Amended	V. 21, p. 156
44-13-405a	Amended	V. 21, p. 157
44-13-406	Amended	V. 21, p. 158
44-13-408	Amended	V. 21, p. 158
44-13-409	Amended	V. 21, p. 158
44-13-501	Amended	V. 21, p. 158
44-13-502a	Amended	V. 21, p. 158
44-13-506 through 44-13-509		
44-13-509	Amended	V. 21, p. 158, 159
44-13-601	Amended	V. 21, p. 159
44-13-603	Amended	V. 21, p. 159
44-13-610	Amended	V. 21, p. 159
44-13-701 through 44-13-704		
44-13-704	Amended	V. 21, p. 159, 160
44-13-705	Revoked	V. 21, p. 161
44-13-706	Amended	V. 21, p. 161
44-13-707	Amended	V. 21, p. 161
44-14-101	Revoked	V. 21, p. 83
44-14-102	Revoked	V. 21, p. 83
44-14-201	Revoked	V. 21, p. 83
44-14-202	Revoked	V. 21, p. 83
44-14-301 through 44-14-318		
44-14-318	Revoked	V. 21, p. 83
44-15-101	Amended	V. 21, p. 84
44-15-101a	Amended	V. 21, p. 84
44-15-102	Amended	V. 21, p. 85
44-15-201	Amended	V. 21, p. 86
44-16-102	Amended	V. 21, p. 86
44-16-103	Revoked	V. 21, p. 86
44-16-104	Revoked	V. 21, p. 86
44-16-105	Amended	V. 21, p. 86
44-16-106	Revoked	V. 21, p. 86
44-16-107	Revoked	V. 21, p. 86
44-16-108	Revoked	V. 21, p. 86

AGENCY 45: KANSAS PAROLE BOARD

Reg. No.	Action	Register
45-1-1	Revoked	V. 21, p. 1894
45-4-4 through 45-4-7		
45-4-7	Revoked	V. 21, p. 1894

45-4-9	Revoked	V. 21, p. 1894
45-6-1	Revoked	V. 21, p. 1894
45-6-2	Revoked	V. 21, p. 1894
45-6-3	Revoked	V. 21, p. 1894
45-6-5	Revoked	V. 21, p. 1894
45-7-1 through 45-7-5		
45-7-5	Revoked	V. 21, p. 1894
45-9-1 through 45-9-4		
45-9-4	Revoked	V. 21, p. 1894
45-10-1	Revoked	V. 21, p. 1894
45-11-1	Revoked	V. 21, p. 1895
45-14-1	Revoked	V. 21, p. 1895
45-16-2	Revoked	V. 21, p. 1895
45-16-3	Revoked	V. 21, p. 1895
45-16-4	Revoked	V. 21, p. 1895
45-100-1	New	V. 21, p. 1895
45-200-1	New	V. 21, p. 1895
45-200-2	New	V. 21, p. 1896
45-300-1	New	V. 21, p. 1896
45-300-2	New	V. 21, p. 1896
45-400-1 through 45-400-4		
45-400-4	New	V. 21, p. 1896, 1897
45-500-1 through 45-500-4		
45-500-4	New	V. 21, p. 1897, 1898
45-600-1	New	V. 21, p. 1899
45-700-1	New (T)	V. 21, p. 1328
45-700-1	New	V. 21, p. 1900
45-700-2	New (T)	V. 21, p. 1328
45-700-2	New	V. 21, p. 1900
45-800-1	New	V. 21, p. 1900
45-900-1	New	V. 21, p. 1901
45-1000-1	New	V. 21, p. 1901
45-1000-2	New	V. 21, p. 1901
45-1000-3	New	V. 21, p. 1901

AGENCY 51: DEPARTMENT OF HUMAN RESOURCES—DIVISION OF WORKERS COMPENSATION

Reg. No.	Action	Register
51-2-6	New	V. 21, p. 864
51-3-1 through 51-3-4		
51-3-4	Amended	V. 21, p. 864-865
51-9-12 through 51-9-14		
51-9-14	Revoked	V. 21, p. 865
51-9-15	New	V. 21, p. 1224
51-9-16	New	V. 21, p. 1271
51-10-6	Revoked	V. 21, p. 865
51-17-1	Revoked	V. 21, p. 865
51-24-1	Amended	V. 21, p. 865
51-24-3	Amended	V. 21, p. 865
51-24-4	Amended	V. 21, p. 866

AGENCY 60: BOARD OF NURSING

Reg. No.	Action	Register
60-1-104	Amended	V. 22, p. 42
60-2-101 through 60-2-106		
60-2-106	Amended	V. 22, p. 43-47
60-2-108	Amended	V. 22, p. 47
60-3-106	Amended	V. 21, p. 840
60-3-110	Amended	V. 21, p. 1764
60-3-112	Amended	V. 21, p. 1764
60-4-103	Amended	V. 21, p. 841
60-9-105	Amended	V. 21, p. 1765
60-9-107	Amended	V. 21, p. 1765
60-11-116	Amended	V. 21, p. 316
60-11-121	Amended	V. 21, p. 1767
60-13-103	Amended	V. 21, p. 316
60-13-110	Amended	V. 21, p. 317
60-16-101	Amended	V. 21, p. 841
60-16-102	Amended	V. 22, p. 47
60-16-103	Amended	V. 21, p. 842
60-16-104	Amended	V. 21, p. 842

AGENCY 63: BOARD OF MORTUARY ARTS

Reg. No.	Action	Register
63-1-23	New	V. 21, p. 659
63-3-22	New	V. 21, p. 659
63-3-23	New	V. 21, p. 659
63-4-1	Amended	V. 21, p. 659

63-7-1 through 63-7-8 New V. 21, p. 660-662

AGENCY 65: BOARD OF EXAMINERS IN OPTOMETRY

Reg. No. Action Register
65-4-3 Amended V. 21, p. 183

AGENCY 66: BOARD OF TECHNICAL PROFESSIONS

Reg. No. Action Register
66-8-4 Amended V. 21, p. 1789
66-9-5 Amended V. 21, p. 1789
66-10-1 Amended V. 21, p. 1789
66-10-9 Amended V. 21, p. 1789
66-10-10b New V. 21, p. 1789
66-10-13 Amended V. 21, p. 1790
66-11-1a New V. 21, p. 1790
66-11-1b New V. 21, p. 1790
66-11-5 New V. 21, p. 1790
66-14-6 Amended V. 21, p. 1790

AGENCY 68: BOARD OF PHARMACY

Reg. No. Action Register
68-1-1a Amended V. 21, p. 746
68-1-1e Revoked V. 21, p. 308
68-1-2a Amended V. 21, p. 746
68-1-3 Revoked V. 21, p. 308
68-1-3a Amended V. 21, p. 746
68-2-5 Amended V. 21, p. 308
68-2-9 Amended V. 22, p. 118
68-2-10 Amended V. 22, p. 118
68-2-11 Amended V. 22, p. 118
68-2-12a Amended V. 22, p. 118
68-2-15 Amended V. 22, p. 430
68-2-20 Amended V. 22, p. 119
68-7-12 Amended V. 22, p. 119
68-7-12a Amended V. 22, p. 120
68-7-12b New V. 22, p. 120
68-8-1 Amended V. 22, p. 431
68-9-1 Amended V. 21, p. 308
68-9-2 Amended V. 22, p. 121
68-11-1 Amended V. 22, p. 122
68-11-2 Amended V. 22, p. 122
68-12-2 Amended V. 22, p. 122
68-13-1 Amended V. 22, p. 122

AGENCY 74: BOARD OF ACCOUNTANCY

Reg. No. Action Register
74-4-7 Amended V. 21, p. 1867
74-4-8 Amended V. 21, p. 1867
74-4-9 Amended V. 21, p. 1901
74-5-101 Amended V. 21, p. 1868
74-5-102 Amended V. 21, p. 1868
74-5-202 Amended V. 21, p. 1869
74-5-302 Amended V. 21, p. 1869
74-5-401 Amended V. 21, p. 1869
74-5-406 Amended V. 21, p. 1869
74-7-4 New V. 21, p. 1870
74-11-6 Amended V. 21, p. 1870
74-11-7 Amended V. 21, p. 1870

AGENCY 82: STATE CORPORATION COMMISSION

Reg. No. Action Register
82-1-220a New V. 22, p. 39
82-3-105 Amended (T) V. 21, p. 1175
82-3-105 Amended V. 21, p. 1750
82-3-113 Amended (T) V. 21, p. 1175
82-3-113 Amended V. 21, p. 1750
82-3-114 Amended (T) V. 21, p. 1176
82-3-114 Amended V. 21, p. 1751
82-3-117 Amended (T) V. 21, p. 1176
82-3-117 Amended V. 21, p. 1751
82-3-120 Amended (T) V. 21, p. 1176
82-3-120 Amended V. 21, p. 1751
82-3-311 Amended (T) V. 21, p. 1178
82-3-311 Amended V. 21, p. 1753
82-3-312 Amended V. 21, p. 117
82-3-400 Amended V. 21, p. 383
82-3-401 Amended V. 21, p. 383
82-3-401a Revoked V. 21, p. 384
82-3-401b Revoked V. 21, p. 384

82-3-402 through 82-3-410 Amended V. 21, p. 384-389
82-3-411 New V. 21, p. 389
82-3-412 New V. 21, p. 390
82-3-1000 through 82-3-1012 New (T) V. 21, p. 1178-1188
82-3-1000 through 82-3-1012 New V. 21, p. 1753-1763
82-4-2 Amended V. 22, p. 86
82-4-20 Amended V. 22, p. 86
82-4-21 Amended V. 22, p. 87
82-4-22 Amended (T) V. 21, p. 1329
82-4-22 Amended V. 21, p. 1702
82-4-23 Amended V. 22, p. 87
82-4-26 Amended V. 22, p. 87
82-4-26a Amended V. 22, p. 88
82-4-27 Amended V. 22, p. 88
82-4-27a Amended V. 22, p. 88
82-4-27e Amended V. 22, p. 89
82-4-28 Amended V. 22, p. 89
82-4-28a Amended V. 22, p. 89
82-4-29 Amended V. 22, p. 90
82-4-29a Amended V. 22, p. 90
82-4-30a Amended V. 22, p. 90
82-4-32 Amended V. 22, p. 90
82-4-35 Amended V. 22, p. 91
82-4-46 Amended V. 22, p. 91
82-4-49b through 82-4-49e Revoked V. 22, p. 91
82-7-2 through 82-7-5 Revoked V. 22, p. 91
82-8-1 Amended V. 22, p. 91
82-8-2 Amended V. 22, p. 91
82-8-3 Amended V. 22, p. 92
82-11-1 Amended V. 22, p. 1078
82-11-3 Amended V. 22, p. 1079
82-11-4 Amended V. 22, p. 1079
82-11-8 Amended V. 22, p. 1084
82-11-10 Amended V. 22, p. 1084
82-13-1 New V. 22, p. 40
82-13-2 New V. 22, p. 40

AGENCY 86: REAL ESTATE COMMISSION

Reg. No. Action Register
86-1-19 New V. 21, p. 1814
86-3-15 Amended V. 21, p. 1814

AGENCY 88: BOARD OF REGENTS

Reg. No. Action Register
88-5-1 through 88-5-4 Revoked V. 21, p. 1705
88-6-1 Revoked V. 21, p. 1705
88-6-2 Revoked V. 21, p. 1705
88-6-3 Revoked V. 21, p. 1705
88-16-1a Revoked (T) V. 21, p. 501
88-16-1a Revoked V. 21, p. 1166
88-16-1b New (T) V. 21, p. 501
88-16-1b New V. 21, p. 1166
88-24-1 New V. 21, p. 1705
88-24-2 New V. 21, p. 1705

AGENCY 91: DEPARTMENT OF EDUCATION

Reg. No. Action Register
91-1-146a through 91-1-146e Revoked V. 21, p. 178
91-1-200 through 91-1-204 Amended V. 21, p. 1445-1453
91-1-205 Amended V. 21, p. 1583
91-1-206 Amended V. 21, p. 178
91-1-207 Amended V. 21, p. 1453
91-1-212 through 91-1-214 New V. 21, p. 1453-1456
91-1-215 through 91-1-219 New V. 21, p. 178-180
91-10-1a* Revoked V. 21, p. 1705

91-10-2* Revoked V. 21, p. 1705
(*By Board of Regents)
91-31-16 through 91-31-30 Revoked V. 22, p. 124
91-31-31 through 91-31-42 New V. 22, p. 124-128
91-32-1 through 91-32-9 Revoked V. 21, p. 1867
91-38-1 Amended V. 22, p. 356
91-38-2 Amended V. 22, p. 356
91-38-3 Amended V. 22, p. 357
91-38-5 Amended V. 22, p. 357
91-38-6 Amended V. 22, p. 358
91-38-7 Amended V. 22, p. 360

AGENCY 92: DEPARTMENT OF REVENUE

Reg. No. Action Register
92-1-1 Revoked V. 21, p. 332
92-1-2 Revoked V. 21, p. 332
92-1-3 Revoked V. 21, p. 332
92-5-4 Revoked V. 21, p. 312
92-5-5 through 92-5-10 Amended V. 21, p. 312, 313
92-5-11 Revoked V. 21, p. 313
92-5-12 Amended V. 21, p. 313
92-5-13 Amended V. 21, p. 313
92-8-20 Revoked V. 21, p. 332
92-9-1 Amended V. 21, p. 332
92-9-3 Amended V. 21, p. 332
92-9-4 Amended V. 21, p. 332
92-9-5 Amended V. 21, p. 332
92-9-7 Revoked V. 21, p. 332
92-11-1 through 92-11-16 Revoked V. 21, p. 332, 333
92-12-4 Amended V. 21, p. 586
92-12-11 Amended V. 21, p. 586
92-12-29 Revoked V. 21, p. 586
92-12-47 Amended V. 21, p. 586
92-12-56 Revoked V. 21, p. 587
92-12-58 Amended V. 21, p. 587
92-12-67 Amended V. 21, p. 587
92-12-68 Revoked V. 21, p. 587
92-12-105 Amended V. 21, p. 587
92-12-106 Amended V. 21, p. 587
92-12a-1 through 92-12a-23 Revoked V. 21, p. 333, 334
92-14-4 through 92-14-9 Amended V. 21, p. 334, 335
92-15-3 Amended V. 21, p. 335
92-15-4 Amended V. 21, p. 335
92-15-8 Amended V. 21, p. 335
92-17-1 through 92-17-6 Amended V. 21, p. 313, 314
92-18-1 through 92-18-7 Revoked V. 21, p. 1307
92-19-2 Revoked V. 21, p. 1311
92-19-2a New V. 21, p. 1311
92-19-5 Revoked V. 21, p. 1997
92-19-5a New V. 21, p. 1997
92-19-6 Revoked V. 21, p. 1312
92-19-6a New V. 21, p. 1312
92-19-22 Revoked V. 21, p. 1998
92-19-22a New V. 21, p. 1998
92-19-22b New V. 21, p. 1999
92-19-23 Revoked V. 21, p. 2000
92-19-23a New V. 21, p. 2000
92-19-35a New V. 21, p. 1312
92-19-50 Revoked V. 21, p. 2000
92-19-55 Revoked V. 21, p. 1313
92-19-55a New V. 21, p. 1313
92-19-57 Amended V. 21, p. 2000
92-19-61 Revoked V. 21, p. 1315
92-19-61a New V. 21, p. 1315
92-19-81 New V. 21, p. 2001
92-19-82 New V. 21, p. 1316
92-19-200 through 92-19-203 New V. 22, p. 431

(continued)

92-20-11	Revoked	V. 21, p. 1318
92-22-4	Amended	V. 21, p. 450
92-22-19	Revoked	V. 21, p. 450
92-22-22	Revoked	V. 21, p. 450
92-22-23	Amended	V. 21, p. 450
92-22-24	Revoked	V. 21, p. 450
92-22-25	Amended	V. 21, p. 450
92-22-33	New	V. 21, p. 450
92-22-34	New	V. 21, p. 450
92-23-10	Amended	V. 21, p. 180
92-23-15	Amended	V. 21, p. 180
92-23-16	Amended	V. 21, p. 180
92-23-17	through	
92-23-23	New	V. 21, p. 181
92-23-25	New	V. 21, p. 181
92-23-30	New	V. 21, p. 181
92-23-31	New	V. 21, p. 182
92-23-38	Amended	V. 21, p. 182
92-23-38a	Amended	V. 21, p. 182
92-23-40	Amended	V. 21, p. 182
92-24-9	through	
92-24-15	Amended	V. 21, p. 314, 315
92-24-18	Amended	V. 21, p. 315
92-24-22	Amended	V. 21, p. 316
92-24-24	Amended	V. 21, p. 316
92-51-21	Amended	V. 21, p. 2092
92-51-23	Amended	V. 21, p. 2092
92-51-24	Amended	V. 21, p. 2092
92-51-27	Amended	V. 21, p. 2092
92-51-34	Revoked	V. 21, p. 2093
92-51-38	Amended	V. 21, p. 2093
92-51-39	Amended	V. 21, p. 2093
92-51-41	Amended	V. 21, p. 2093
92-51-53	Amended	V. 21, p. 2093
92-51-56	Amended	V. 21, p. 2093
92-51-57	Revoked	V. 21, p. 2094
92-51-58	Revoked	V. 21, p. 2094
92-51-60	Revoked	V. 21, p. 2094
92-51-61	Revoked	V. 21, p. 2094
92-52-2	Revoked	V. 21, p. 2094
92-52-3	Amended	V. 21, p. 2094
92-52-8	Revoked	V. 21, p. 2094
92-52-11	Revoked	V. 21, p. 2094
92-56-1	through	
92-56-5	Amended	V. 21, p. 1057-1059

**AGENCY 93: DEPARTMENT OF REVENUE—
DIVISION OF PROPERTY VALUATION**

Reg. No.	Action	Register
93-6-4	Amended	V. 22, p. 666
93-6-7	New	V. 22, p. 666

AGENCY 94: BOARD OF TAX APPEALS

Reg. No.	Action	Register
94-2-1	through	
94-2-18	Amended	V. 21, p. 703-708
94-2-19	New	V. 21, p. 708
94-2-20	New	V. 21, p. 708
94-3-1	Amended	V. 21, p. 709
94-3-2	Amended	V. 21, p. 709
94-4-1	New	V. 21, p. 710
94-4-2	New	V. 21, p. 710

AGENCY 100: BOARD OF HEALING ARTS

Reg. No.	Action	Register
100-11-1	Amended (T)	V. 21, p. 1131
100-11-1	Amended	V. 21, p. 1864
100-22-4	New	V. 22, p. 690
100-27-1	Amended	V. 21, p. 307
100-28a-1	Amended	V. 21, p. 1864
100-29-7	Amended	V. 21, p. 1864
100-49-1	Amended	V. 21, p. 2137
100-49-4	Amended (T)	V. 21, p. 1131
100-49-4	Amended	V. 21, p. 1864
100-49-6	through	
100-49-9	New	V. 21, p. 2137
100-54-4	Amended	V. 21, p. 2138
100-55-4	Amended	V. 21, p. 2138
100-55-5	Amended	V. 22, p. 690
100-55-9	Amended	V. 22, p. 690
100-69-3	Amended	V. 21, p. 1864

100-69-9	Amended	V. 21, p. 1865
100-69-10	Amended	V. 21, p. 1865
100-69-11	Amended	V. 21, p. 1866
100-72-1	through	
100-72-7	New (T)	V. 22, p. 79-81
100-72-1	through	
100-72-6	New	V. 22, p. 691, 692
100-75-1	New (T)	V. 22, p. 82
100-75-1	New	V. 22, p. 693

**AGENCY 102: BEHAVIORAL SCIENCES
REGULATORY BOARD**

Reg. No.	Action	Register
102-1-3a	Amended (T)	V. 22, p. 1267
102-1-3b	New (T)	V. 22, p. 1268
102-1-8	Amended	V. 22, p. 1148
102-1-15	Amended	V. 22, p. 1149
102-2-2b	New (T)	V. 22, p. 1269
102-2-2c	New (T)	V. 22, p. 1270
102-2-3	Amended	V. 21, p. 237
102-2-4a	Amended	V. 22, p. 1150
102-2-4b	Amended	V. 21, p. 238
102-2-9	Amended	V. 22, p. 1151
102-2-11	Amended	V. 22, p. 1151
102-2-12	Amended	V. 22, p. 1084
102-3-3a	Amended	V. 21, p. 1132
102-3-4a	Amended	V. 21, p. 1133
102-3-4b	New (T)	V. 22, p. 1271
102-3-6a	Revoked	V. 21, p. 1134
102-3-7a	Amended	V. 22, p. 1085
102-3-9a	Amended	V. 22, p. 1151
102-3-10a	Amended	V. 22, p. 1152
102-3-12a	Amended	V. 21, p. 1134
102-3-17	New	V. 21, p. 1137
102-4-4b	New (T)	V. 22, p. 1272
102-4-9a	Amended	V. 22, p. 1153
102-4-10a	Amended	V. 22, p. 1153
102-5-3	Amended	V. 22, p. 1087
102-5-4b	New (T)	V. 22, p. 1273
102-5-7a	Amended	V. 22, p. 1088
102-5-9	Amended	V. 22, p. 1155
102-5-10	Amended	V. 22, p. 1155
102-5-12	Amended	V. 22, p. 1156
102-5-16	New	V. 22, p. 1158
102-6-9	Amended	V. 22, p. 1159
102-6-10	Amended	V. 22, p. 1159

**AGENCY 108: STATE EMPLOYEES
HEALTH CARE COMMISSION**

Reg. No.	Action	Register
108-1-2	Amended	V. 21, p. 1055
108-1-4	Amended	V. 22, p. 360

**AGENCY 109: BOARD OF
EMERGENCY MEDICAL SERVICES**

Reg. No.	Action	Register
109-5-1	Amended	V. 21, p. 1368
109-6-3	Amended	V. 21, p. 1369

AGENCY 110: DEPARTMENT OF COMMERCE

Reg. No.	Action	Register
110-10-1	New (T)	V. 22, p. 1226

AGENCY 111: KANSAS LOTTERY

A complete index listing all regulations filed by the Kansas Lottery from 1988 through 2000 can be found in the Vol. 19, No. 52, December 28, 2000 Kansas Register. The regulations listed below were published after December 31, 2000.

Reg. No.	Action	Register
111-2-1	Amended	V. 22, p. 585
111-2-4	Amended	V. 20, p. 1094
111-2-119	through	
111-2-124	New	V. 20, p. 416-419
111-2-120	Amended	V. 20, p. 1094
111-2-124	Amended	V. 21, p. 590
111-2-125	New	V. 20, p. 573
111-2-126	New	V. 20, p. 573
111-2-127	Amended	V. 20, p. 937
111-2-128	New	V. 20, p. 1188
111-2-129	New	V. 20, p. 1343

111-2-130	New	V. 20, p. 1394
111-2-131	New	V. 20, p. 1778
111-2-132	New	V. 20, p. 1901
111-2-133	New	V. 20, p. 1901
111-2-134	New	V. 20, p. 1901
111-2-135	New	V. 21, p. 590
111-2-136	New	V. 21, p. 590
111-2-137	New	V. 21, p. 649
111-2-138	New	V. 21, p. 692
111-2-139	New	V. 21, p. 747
111-2-140	New	V. 21, p. 1521
111-2-141	New	V. 21, p. 1852
111-2-142	New	V. 21, p. 1852
111-2-143	New	V. 22, p. 585
111-2-144	New	V. 22, p. 804
111-2-144a	New	V. 22, p. 586
111-2-145	New	V. 22, p. 804
111-2-146	New	V. 22, p. 804
111-2-147	New	V. 22, p. 804
111-2-148	New	V. 22, p. 981
111-3-12	Amended	V. 20, p. 40
111-3-27	Amended	V. 22, p. 660
111-3-35	Amended	V. 20, p. 1189
111-4-1448	Amended	V. 21, p. 1521
111-4-1795	through	
111-4-1813	New	V. 20, p. 40-47
111-4-1801	Amended	V. 20, p. 1095
111-4-1803	Amended	V. 20, p. 1095
111-4-1805a	New	V. 20, p. 1095
111-4-1814	through	
111-4-1823	New	V. 20, p. 419-427
111-4-1818	Amended	V. 20, p. 575
111-4-1824	New	V. 20, p. 575
111-4-1825	through	
111-4-1839	New	V. 20, p. 937-942
111-4-1828	Amended	V. 20, p. 1096
111-4-1832	Amended	V. 20, p. 1344
111-4-1840	through	
111-4-1844	New	V. 20, p. 1096-1100
111-4-1845	through	
111-4-1850	New	V. 20, p. 1189-1193
111-4-1849	Amended	V. 20, p. 1344
111-4-1851	New	V. 20, p. 1345
111-4-1852	New	V. 20, p. 1346
111-4-1853	New	V. 20, p. 1347
111-4-1854	through	
111-4-1870	New	V. 20, p. 1395-1405
111-4-1864	Amended	V. 20, p. 1569
111-4-1866	Amended	V. 20, p. 1570
111-4-1867	Amended	V. 20, p. 1601
111-4-1869	Amended	V. 20, p. 1601
111-4-1871	New	V. 20, p. 1571
111-4-1872	New	V. 20, p. 1572
111-4-1873	New	V. 20, p. 1572
111-4-1874	through	
111-4-1877	New	V. 20, p. 1779-1781
111-4-1877	Amended	V. 20, p. 1902
111-4-1878	through	
111-4-1885	New	V. 20, p. 1902-1906
111-4-1886	through	
111-4-1889	New	V. 21, p. 183-185
111-4-1890	through	
111-4-1893	New	V. 21, p. 591-593
111-4-1894	through	
111-4-1900	New	V. 21, p. 649-655
111-4-1894	Amended	V. 21, p. 1276
111-4-1901	through	
111-4-1921	New	V. 21, p. 692-702
111-4-1910	Amended	V. 21, p. 747
111-4-1911	Amended	V. 21, p. 747
111-4-1913	Amended	V. 21, p. 748
111-4-1922	New	V. 21, p. 748
111-4-1923	New	V. 21, p. 749
111-4-1924	through	
111-4-1932	New	V. 21, p. 1329-1337
111-4-1929	Amended	V. 21, p. 1522

111-4-1933 through 111-4-1938	New	V. 21, p. 1523-1526
111-4-1938	Amended	V. 21, p. 1852
111-4-1939 through 111-4-1945	New	V. 21, p. 1854-1857
111-4-1946 through 111-4-1951	New	V. 22, p. 48-52
111-4-1952 through 111-4-1964	New	V. 22, p. 439-448
111-4-1964	Amended	V. 22, p. 982
111-4-1965 through 111-4-1975	New	V. 22, p. 586-593
111-4-1970	Amended	V. 22, p. 1047
111-4-1975	Revoked	V. 22, p. 1047
111-4-1976 through 111-4-1986	New	V. 22, p. 660-665
111-4-1987 through 111-4-2009	New	V. 22, p. 804-820
111-4-2010 through 111-4-2014	New	V. 22, p. 854-857
111-4-2015 through 111-4-2027	New	V. 22, p. 983-990
111-4-2023	Amended	V. 22, p. 1048
111-4-2026	Amended	V. 22, p. 1048
111-4-2028 through 111-4-2033	New	V. 22, p. 1048-1053
111-5-22	Amended	V. 21, p. 1758
111-5-23	Amended	V. 21, p. 1858
111-5-24	Amended	V. 21, p. 1858
111-5-26	Amended	V. 21, p. 1859
111-5-27	Amended	V. 21, p. 1860
111-5-28	Amended	V. 21, p. 1860
111-5-30	Amended	V. 21, p. 1529
111-5-32	Amended	V. 21, p. 1861
111-5-33	Amended	V. 21, p. 1861
111-5-78	Amended	V. 21, p. 751
111-5-79 through 111-5-91	New	V. 21, p. 1278-1281
111-5-82	Amended	V. 21, p. 1529
111-5-83	Amended	V. 21, p. 1529
111-5-92 through 111-5-98	New	V. 21, p. 1339-1341
111-5-96	Amended	V. 21, p. 1530
111-5-97	Amended	V. 21, p. 1531
111-5-99 through 111-5-103	New	V. 22, p. 593, 594
111-5-104	New	V. 22, p. 857

111-5-105	Amended	V. 22, p. 1054
111-6-5	Amended	V. 21, p. 1531
111-6-25	New	V. 22, p. 1054
111-7-119 through 111-7-127	Amended	V. 21, p. 594-597
111-7-123	Amended	V. 21, p. 1531
111-7-126	Amended	V. 21, p. 1532
111-7-134	Amended	V. 20, p. 429
111-7-152	Amended	V. 20, p. 49
111-7-158 through 111-7-162	New	V. 20, p. 577
111-7-159	Amended	V. 20, p. 1101
111-7-162	Amended	V. 20, p. 944
111-7-163 through 111-7-170	New	V. 20, p. 1101-1103
111-7-165	Amended	V. 20, p. 1194
111-7-171 through 111-7-175	New	V. 20, p. 1782, 1783
111-7-176 through 111-7-180	New	V. 21, p. 656, 657
111-7-181	New	V. 21, p. 1563
111-7-182 through 111-7-186	New	V. 21, p. 1861-1862
111-7-182	Amended	V. 22, p. 53
111-7-184	Amended	V. 22, p. 53
111-8-101 through 111-8-126	New	V. 20, p. 1573-1579
111-9-111	New	V. 20, p. 1406
111-9-112	Amended	V. 20, p. 1579
111-9-113	Amended	V. 21, p. 186
111-9-114	New	V. 21, p. 657
111-9-115	New	V. 21, p. 702
111-9-116	New	V. 21, p. 703
111-9-117	New	V. 21, p. 1533
111-9-118	New	V. 22, p. 54
111-9-119	New	V. 22, p. 54
111-9-120	New	V. 22, p. 1054
111-9-121	New	V. 22, p. 1054

AGENCY 112: RACING AND GAMING COMMISSION

Reg. No.	Action	Register
112-4-1a	New	V. 22, p. 278
112-4-1b	New	V. 22, p. 279
112-6-4	Amended	V. 22, p. 85
112-9-44	Amended	V. 22, p. 279
112-10-2	Amended	V. 22, p. 85
112-11-20	Amended	V. 22, p. 281
112-12-10	Amended	V. 22, p. 86

AGENCY 115: DEPARTMENT OF WILDLIFE AND PARKS

Reg. No.	Action	Register
115-2-1	Amended	V. 21, p. 1557
115-2-2	Amended	V. 21, p. 1558
115-2-3	Amended	V. 21, p. 1558
115-2-6	Amended	V. 21, p. 451
115-4-4	Amended	V. 21, p. 452
115-4-6	Amended	V. 22, p. 1227
115-4-11	Amended	V. 22, p. 436
115-5-1	Amended	V. 21, p. 1137
115-5-2	Amended	V. 21, p. 1138
115-5-3	Amended	V. 21, p. 1138
115-7-1	Amended	V. 21, p. 1558
115-7-2	Amended	V. 21, p. 1559
115-7-7	New	V. 21, p. 1559
115-9-4	Amended	V. 21, p. 177
115-11-1	Amended	V. 21, p. 177
115-11-2	Amended	V. 21, p. 177
115-13-3	Amended	V. 21, p. 1560
115-13-4	Amended	V. 21, p. 1560
115-16-5	New	V. 21, p. 1138
115-16-6	New	V. 21, p. 1139
115-17-6 through 115-17-9	Amended	V. 22, p. 437-439
115-17-11	Amended	V. 21, p. 1561
115-17-12	Amended	V. 21, p. 1562
115-17-13	Amended	V. 21, p. 1562
115-17-14	Amended	V. 21, p. 1890
115-18-7	Amended	V. 21, p. 453
115-18-8	Amended	V. 22, p. 1229
115-18-10	Amended	V. 22, p. 439
115-18-13	Amended	V. 21, p. 1562
115-18-14	Amended	V. 21, p. 1563
115-20-2	Amended	V. 21, p. 1891
115-30-8	Amended	V. 21, p. 1891

AGENCY 117: REAL ESTATE APPRAISAL BOARD

Reg. No.	Action	Register
117-1-1	Amended	V. 22, p. 684
117-2-1	Amended	V. 22, p. 684
117-3-1	Amended	V. 22, p. 685
117-4-1	Amended	V. 22, p. 686
117-6-1	Amended	V. 22, p. 687
117-6-2	Amended	V. 22, p. 688
117-6-3	Amended	V. 22, p. 688
117-8-1	Amended	V. 22, p. 689

AGENCY 118: STATE HISTORICAL SOCIETY

Reg. No.	Action	Register
118-5-1 through 118-5-10	New	V. 21, p. 1205-1208

AGENCY 126: UNMARKED BURIAL SITES PRESERVATION BOARD

Reg. No.	Action	Register
126-1-1	New	V. 21, p. 1792
126-1-2	New	V. 21, p. 1792