



Kansas Department of  
Health & Environment

KDHE-BOW-Watershed Management Section  
1000 SW Jackson, Suite 420 Phone 785-296-4195  
Topeka, KS 66612 Fax 785-296-5509

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# Local Environmental Protection Program Annual Report

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State Fiscal Year 2006 Annual Report  
July 1, 2005 to June 30, 2006

Program Funding from the Kansas Water Plan Fund



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# Local Environmental Protection Program

## State Fiscal Year 2006 Annual Report

### Overview

The Kansas Department of Health and Environment (KDHE) administers an environmental grant program to local entities for development of a local environmental protection plan to implement the environmental protection strategy of the Kansas Water Plan. An environmental protection plan covers the sanitary code (onsite wastewater code and non-public drinking water well code), subdivision water and wastewater, solid waste management, hazardous waste management, public water supply protection, and nonpoint source pollution control.

Through this grant program, financial and technical assistance is provided to counties to assist in establishing and operating programs for environmental and public health protection. This is accomplished by both the prevention of environmental pollution and the abatement of existing sources of pollution.

KDHE has three Watershed Field Coordinators who have the responsibility to coordinate and administer the Local Environmental Protection Program (LEPP) grants and work with the county LEPP staff. The map on page 9 shows the Watershed Field Coordinators coverage area.

### Funding

Financial assistance from the Kansas Water Plan fund totaling 1.5 million dollars was allocated to the program during State Fiscal Year 2006 (SFY 2006) for funding of base programs.

During SFY 2006, 101 counties received base grants with a minimum of \$7,000 and a maximum of \$125,000. There were 42 single county programs and 9 multi-county programs. There were four counties that didn't participate in the LEPP. They were Chase, Chautauqua, Comanche, & Haskell.

Funds remaining after base grants are satisfied are available as target grants and can be used to perform specific projects or to supplement base grant funds to purchase equipment and supplies. During SFY 2006, target grants totaling \$27,998.00 were made to 28 LEPPs.

Table 1 on page 10 summarizes the base grants and target grants for each program.

### Sanitary/Environmental Codes

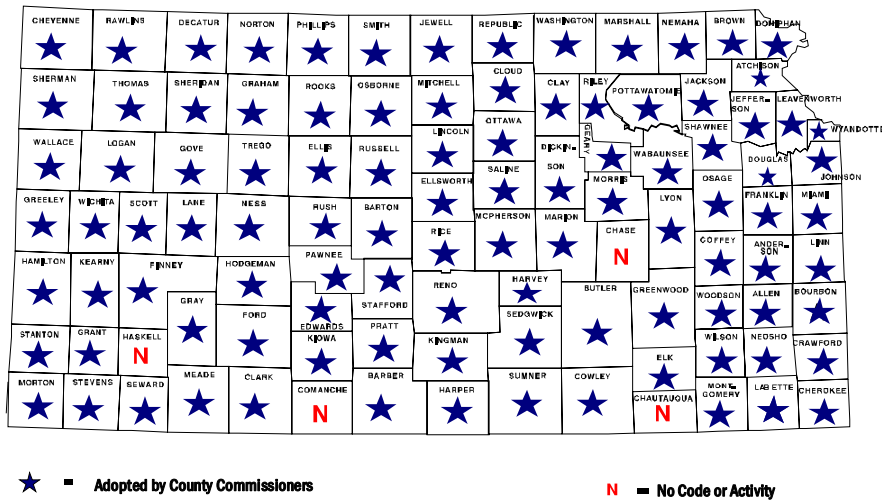
LEPP regulations (K.A.R. 28-66-1(b)(2)) state that a core program will include "the development, implementation, and enforcement of a sanitary/environmental code which has been approved by the secretary of KDHE and which establishes standards for the management of onsite wastewater systems for the treatment and disposal of domestic sewage only."

In February 2006, Dickinson County adopted a new sanitary/environmental code. Table 2 on page 11 shows the history of county code adoption and revisions.

KDHE recently developed a website for county sanitary/environmental codes. Most of the county codes are posted on the website at <http://www.kdheks.gov/nps/lepp/CountyCodes.html>.

The figure below shows the current status of code activity in the state by county.

## ENVIRONMENTAL CODE STATUS



## Program Highlights

### Kansas Clean Waters

## Kansas Clean Waters

- ✓ Learn what people like you are doing to keep Kansas' waters clean.
- ✓ Apply for a grant for a Clean Water Project
- ✓ Report the progress of your project
- ✓ Take the Clean Water Pledge



Wildcat Creek near Elk Falls



A Section 319 nonpoint source pollution control grant from the United States Environmental Protection Agency was used in the development of this site.

Kansas Clean Waters (KCW) application and reporting system is in its third year of operation. The KCW automates the LEPP application process and quarterly reporting process. All reporting must be done via the KCW. The KCW can be accessed at <http://kcw.kdhe.state.ks.us/>. When changes in county LEPP staff occur, it is necessary the new LEPP staff member registers their contact information on the KCW system. This is necessary so that they may be able to access their county reporting information and also be notified of any program changes and/or important information.

## Program Reviews

State statute requires that KDHE conduct a periodic review of each Local Environmental Protection Program (LEPP) to determine how locally provided water restoration and protection services address the needs of county citizens, and how LEPP grants from KDHE have enhanced these services.

In April, May & June 2006 KDHE staff visited Saline, Ellsworth, Lincoln and Ottawa Counties to conduct interviews of County commissioners, local government officials and staff, business members, and other citizens within the four county LEPP area administered by the Saline County Health Department. The following questions were asked of all interviewees:

What are the important or valuable water resources in the county?  
What are the major threats to these resources?  
What tools does the county have or use to address these threats?  
What issues have required you to cooperate with other governmental units in the county?  
What resources are needed to effectively address water resource problems and concerns in the county?

County commissioners were also asked what water resource protection leadership role they saw for the county commission and how KDHE and other government agencies could assist the county in addressing county water resource concerns.

KDHE staff then prepared findings and recommendations that addressed water resources, LEPP leadership and organization, the sanitary code, and funding. The report will be presented to the county commission in SFY 2007.

## Events



46 LEPP staff members from 35 counties/groups attended the Kansas Small Flows Association (KSFA) annual conference and trade show in Wichita on February 8-10, 2006. KSFA provides workshops on the latest technologies and methods of on-site system design, installation and maintenance. KDHE target grants paid for all or a portion of the conference for 26 counties/groups.

## State Water Plan Priorities

The Water Quality Policy Section of the SFY2007 Kansas Water Plan recognizes the value of the Local Environmental Protection Program as a means of implementing the policies of the Plan. SFY 2007 LEP Plans are required to identify activities and tasks the LEP Program will execute to contribute towards attainment of these Kansas Water Plan's 2010 Objectives:

- *By 2010, reduce the average concentration of bacteria, biochemical oxygen demand, dissolved solids, metals, nutrients, pesticides and sediment that adversely affect the water quality of Kansas lakes and streams.*
- *By 2010, reduce the average concentration of dissolved solids, metals, nitrates, pesticides and volatile organic chemicals that adversely affect the water quality of Kansas groundwater.*
- *By 2010, ensure that water quality conditions are maintained at a level equal to or better than year 2000 conditions.*

In the fall of 2003, the Kansas Water Authority made significant changes to how the Kansas Water Plan is developed and written. The major change relevant to LEP Programs is that Total Maximum Daily Loads (TMDLs) and public water supply protection are no longer listed as specific priorities, but have been integrated into the "protect and restore watersheds" priority.

The Kansas Water Plan has three top statewide priorities:

- To protect and restore watersheds and water quality.
  - All LEP Programs need to address this priority in their LEP Plan.
- To conserve and extend the life of the Ogallala Aquifer.
  - If the Ogallala Aquifer is an issue for your LEP Program, you need to address this priority in your LEP Plan.
- To develop regional water supply strategies throughout Kansas.
  - You need to be involved in regional water supply issues in your service area.

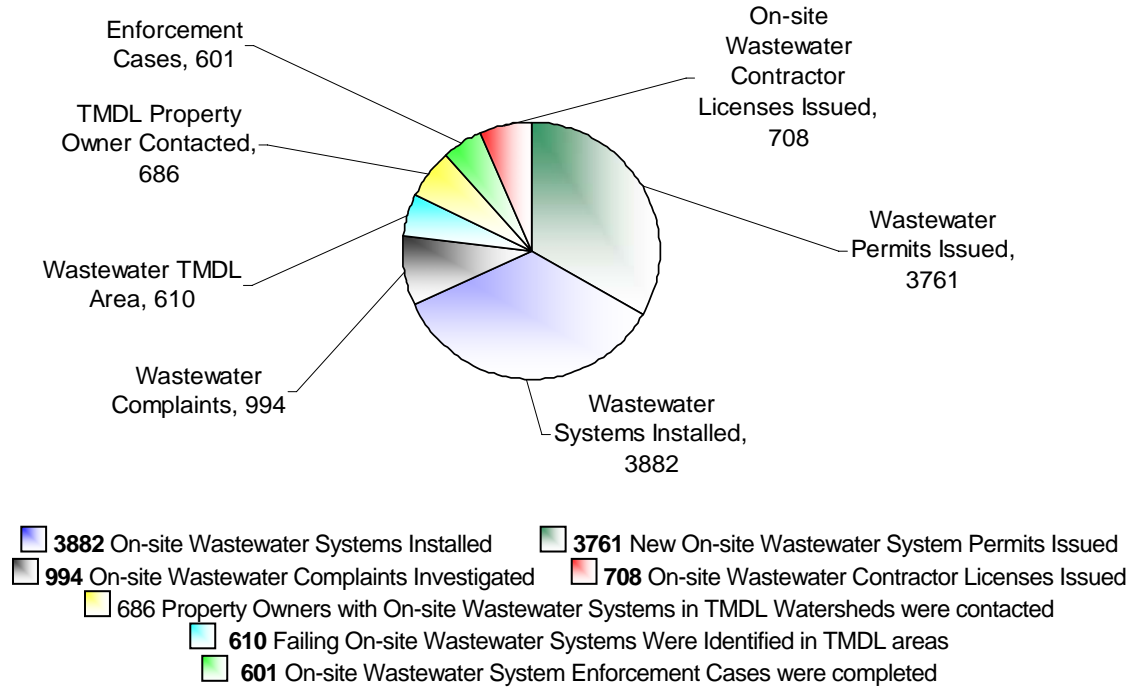
Some of the Basin Advisory Committees have also determined that other priority issues are important to their basin. All basin priority issues are listed below. LEP Programs must be aware of these and be available to provide assistance.

BASIN PRIORITY ISSUES												
ISSUE	River Basin											
	Cimarron	KS Lower Republican	Lower Ark	Marais des Cygnes	Missouri	Neosho	Smoky Hill Saline	Solomon	Upper Ark	Upper Republican	Verdigris	Walnut
Protect and Restore Watersheds and Water Quality	X	X	X	X	X	X	X	X	X	X	X	X
Conserve and Extend the Life of the Ogallala Aquifer	X		X				X	X	X	X		
Develop Regional Water Supply Strategies	X	X	X	X	X	X	X	X	X	X	X	X
Salt Cedar & other Phreatophyte Control	X											
Enhancing Recreational & Educational Opportunities at Lake Meade	X											
Kansas River System Management		X					X	X		X		
Rattlesnake Creek Sub-basin			X									
Fort Scott Flooding				X								
Missouri River Management					X							
Water Based Recreation/River Access					X							
Management of Ozark Plateau Aquifer System and Spring River						X						
Protecting and Enhancing Instream Flow						X					X	
Middle Arkansas Sub-basin Management									X			
Upper Arkansas River Water Quality and Streamflow									X			
Horse Thief Canyon Multi-purpose Reservoir									X			
Minimum Lake Level in Keith Sebelius Reservoir										X		

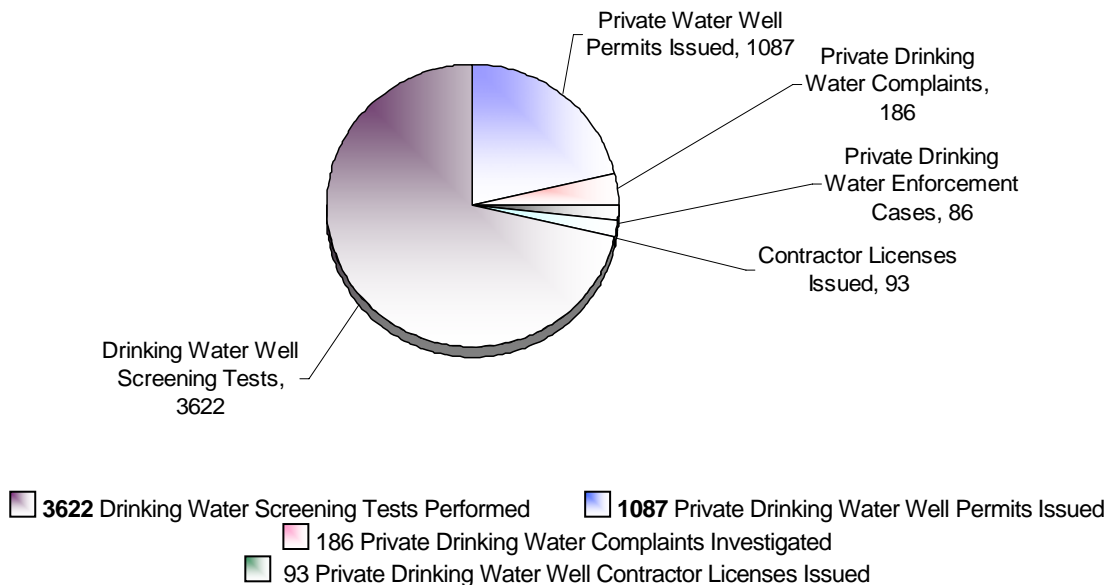
## Program Tracking

Tracking of program progress is essential to ensure implementation of county objectives and provision of local environmental protection services. The Kansas Clean Waters was used to track the county or multi-county activities and accomplishments. The figures below present a statewide summary of categories of services.

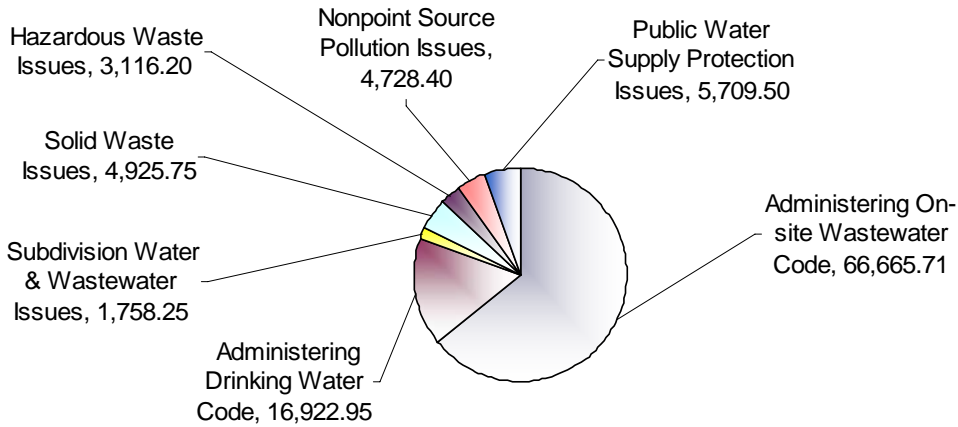
### On-Site Wastewater Activities



### Private Water Well Activities

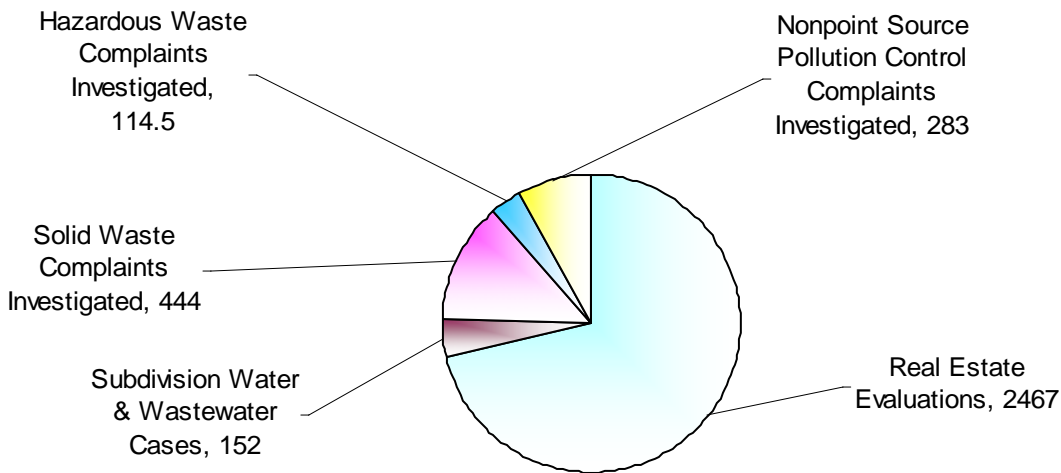


# Technical Assistance Hours



- 66,665.71** Staff Hours Expended on Administering the On-site Wastewater Code
- 16,922.95** Staff Hours Expended on Administering the Private Drinking Water Code
- 5,709.50** Staff Hours Expended on Public Water Supply Protection Issues
- 4,925.75** Staff Hours Expended on Solid Waste Issues
- 4,728.40** Staff Hours Expended on Nonpoint Source Pollution Issues
- 3,116.20** Staff Hours Expended on Hazardous Waste Issues
- 1,758.25** Staff Hours Expended on Subdivision Water & Wastewater Issues

# Other Activities



- 2467** Real Estate Transaction Site Evaluations Performed
- 444** Solid Waste Complaints Investigated
- 283** Nonpoint Source Pollution Control Complaints Investigated
- 152** Subdivision Water & Wastewater Cases Processed
- 114.5** Hazardous Waste Complaints Investigated

## Local Environmental Protection Program Goals SFY 2007

- Implement Local Environmental Protection Plans.
- Establish a Local Environmental Protection Committee.
- Develop, implement and enforce an environmental code for onsite wastewater treatment.
- Develop, implement and enforce code for private drinking water wells and supplies.
- Provide local environmental information, education, and technical assistance.
- Participate in local subdivision water and wastewater programs.
- Promote proper solid and hazardous waste management.
- Participate in local nonpoint source pollution control programs.
- Promote water supply protection.
- Participate in the establishment and implementation of TMDLs.
- Where TMDLs have been established, address the impairments.

# KDHE WATERSHED MANAGEMENT CONTACTS

CHEYENNE A2C	RAWLINS A2C	DECATUR A2C	NORTON A2C	PHILLIPS A2C	SMITH A2C	JEWELL A2B	REPUBLIC A2B	WASHINGTON A1B	MARSHALL A1A	NEMAHA A1A	BROWN A1A	DOH PHAN A1A
SHERMAN A2C	THOMAS A2C	SHERIDAN A2C	GRAHAM A2C	ROOKS A2C	OSBORNE A2C	MITCHELL A2B	CLOUD A1B	CLAY A1B	RILEY A1B	POTTAWATOMIE A1A	JACKSON A1A	ATCHISON A1A
WALLACE A2C	LOGAN A2C	GOVE A2C	TREGO A2C	ELLIS A2C	RUSSELL A2C	LINCOLN A2B	OTTAWA A2B	DICKIN- SON A2B	GEARY A1B	SHAWNEE A1A	JEFFER- SON A1A	LEAVERWORTH A1A
GREELEY B2D	WICHITA B2D	SCOTT B2D	LANE B2D	NESS B2C	RUSH B2C	BARTON B2C	ELLSWORTH A2B	MCPHERSON A2B	MORRIS B1B	WABAUNSEE A1A	OSAGE A1A	DOUGLAS A1A
HAMILTON B2D	KEARNY B2D	FINNEY B2D	HODGEMAN B2D	PAWNEE B2D	B2D	B2D	RICE B3B	B3B	MARION B1B	CHASE B1E	LYON B1F	FRANKLIN B1A
STANTON B2D	GRANT B2D	HASKELL B2D	GRAY B2D	FORD B2D	EDWARDS KIOWA B3D	STAFFORD B3D	RENO B3E	HARVEY B3E	SEDGWICK B3E	BUTLER B3E	GREENWOOD B3F	WOODSON B3F
MORTON B2D	STEVENS B2D	SEWARD B2D	MEADE B2D	CLARK B2D	COMANCHE B3D	BARBER B3D	KINGMAN B3E	KINGMAN B3E	WILSON B3E	ELK B3F	WILSON B3F	ALLEN B3F
							HARPER B3E	SUMNER B3E	COWLEY B3E	CHAUTAQUA B3F	MONT- GOMERY B3F	LABETTE B3F
												MIAMI B1A
												ANDER- SON B1F
												COFFEY B1F
												LINN B1F
												BOURBON B1F
												CRAWFORD B3F
												CHEROKEE B3F

## Basin Coordinator

**A = Vacant** - 785/296-4195 - nps@kdhe.state.ks.us

**B = Scott Satterthwaite** - 785/296-5573 - ssattert@kdhe.state.ks.us

**KDHE Central Office** - 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

## Watershed Field Coordinator

**1 = Beth Rowlands, NEDO** - 785/842-4600 - browland@kdhe.state.ks.us

**2 = Doug Schneeweis, NWDO** - 785/625-5663 - dschnewe@kdhe.state.ks.us

**3 = Richard Basore, SCDO** - 316/337-6020 - rbasore@kdhe.state.ks.us

## KDHE District Office

**A = Northeast** - 800 W. 24<sup>th</sup>, Lawrence, KS 66046 - 785/842-4600

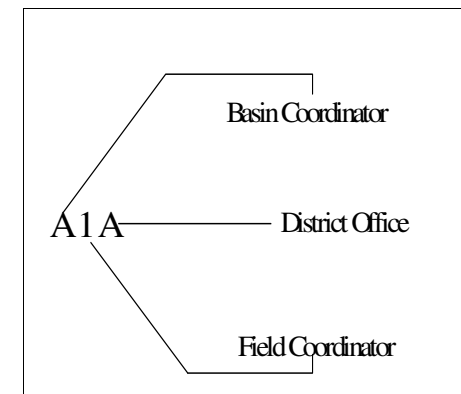
**B = North Central** - 2501 Market Place Ste. D&E, Salina, KS 67401 - 785/827-9639

**C = Northwest** - 2301 E. 13<sup>th</sup>, Hays, KS 67601 - 785/625-5664

**D = Southwest** - 302 W. McArtor Road, Dodge City, KS 67801 - 620/225-0596

**E = South Central** - 130 S. Market, Wichita, KS 67202 - 316/337-6020

**F = Southeast** - 1500 W. 7<sup>th</sup> St, Chanute, KS 66720 - 620/431-2390



**TABLE 1**  
**Summary of Base Grants & Target Grants**

SFY 2006 Grant Recipients	2006		Description of Target Grant Funding Uses
	Base	Target	
Allen County	14,912.00		
Anderson County	7,000.00	299.00	KSFA Conference
Barber County	7,000.00		
Barton County	15,513.00		
Bourbon County	8,458.00	374.00	KSFA Conference
Butler County	32,715.00		
Central Kansas LEPC	42,000.00	4,952.00	KSFA Conference; Copier
Cherokee County	12,433.00		
Coffey County	7,000.00	2,779.00	KSFA Conference; Computer
Cowley County	19,960.00	300.00	KSFA Conference
Crawford County	21,033.00	1,701.00	Copier
Dickinson County	10,639.00	272.00	KSFA Conference
Douglas County/Lawrence	54,979.00	3,741.00	KSFA Conference; GIS
Elk County	7,000.00		
Ellis County	15,129.00	244.00	KSFA Conference
Ford County	17,852.00	270.00	KSFA Conference
Franklin County	13,631.00		
Greenwood County	7,000.00		
Harper County (SC LEPC)	21,000.00	299.00	KSFA Conference
Harvey County	18,078.00	266.00	KSFA Conference
Johnson County	125,000.00	300.00	KSFA Conference
Labette County	12,559.00		
Leavenworth County	37,780.00		
Linn County	7,000.00	2,864.00	KSFA Conference; Computer
Lyon County	19,764.00	3,333.00	KELP;KSFA Conference;GIS
Marion County	7,349.00	291.00	KSFA Conference
McPherson County	16,255.00	245.00	KSFA Conference
Miami County	15,593.00		
Montgomery County	19,939.00		
Morton County	7,000.00	616.00	KSFA Conference; Water Testing Supplies
NEKES	47,360.00	299.00	KSFA Conference
Neosho County	9,348.00		
Northwest Kansas LEPC	112,000.00		
Osage County	9,192.00		
Phillips County	49,000.00	354.00	KSFA Conference
Pottawatomie County	10,015.00	298.00	KSFA Conference
Pratt County	7,000.00	272.00	KSFA Conference
Reno County	35,635.00	850.00	KELP
Rice County	7,000.00		
Riley County/Manhattan	34,564.00	272.00	KSFA Conference
Rural Lakes Region	50,371.00	272.00	KSFA Conference
Salina-Saline County	50,478.00	1,389.00	NEHA Conference
Sedgwick County	125,000.00		
Seward County	12,381.00		
Shawnee County	93,429.00		
Southwest Kansas LEPC	78,288.00	548.00	KELP;KSFA Conference
Stevens County	7,000.00		
Sumner County	14,270.00		
Unified Govt of Wyandotte County	86,835.00	298.00	KSFA Conference
Wabaunsee County	7,000.00		
Wilson County	7,000.00		
<b>Total</b>	<b>1,474,737.00</b>	<b>27,998.00</b>	

Table 2

## History of County Code Adoption

County	Code	Pre-LEP Code	KDHE Approval	Year Approved	Adopted	Year Revised/New Code Adopted	SFY 2006 Activities
Allen	yes		04/02/98	1998	04/22/98		
Anderson	yes		05/03/98	1998	06/07/99	2000	
Atchinson	yes		08/18/98	1998	09/28/98		
Barber	yes	yes	10/07/87	1987	11/23/87		
Barton	yes		08/03/93	1993	09/13/93		
Bourbon	yes		02/25/98	1998	06/15/98	2001	
Brown	yes		02/09/99	1999	02/22/99		
Butler	yes	yes	07/06/99	1999	09/15/99	1987, 1991, 2002	
Chase	no		08/22/94	1994	n/a	n/a	
Chautauqua	no		n/a	n/a	n/a	n/a	
Cherokee	yes		05/11/98	1998	06/28/99		
Cheyenne	yes		12/21/96	1996	03/28/97		
Clark	yes		02-July-01	2001	10/31/01		
Clay	yes		11/23/93	1993	11/23/92	2002	
Cloud	yes		08/28/96	1996	06/09/97	2002, 2004	
Coffey	yes		04/20/90	1990	05/15/90		
Commanche	no		n/a	n/a	n/a	n/a	
Cowley	yes	yes	01/15/87	1987	06/15/87		
Crawford	yes		12/14/93	1993	04/15/94	1999, 2000	
Decatur	yes		03/31/93	1993	03/31/93		
Dickinson	yes	yes	05/11/98	1987	06/30/98	1987, 2006	Revised February 2006
Doniphan	yes		06/01/96	1996	11/15/96		
Douglas	yes		09/08/93	1993	10/07/93	1997, 2001	
Edwards	yes		05/13/99	1999	07/19/99		
Elk	yes		11/30/98	1998	02/08/99		
Ellis	yes		09/16/92	1992	09/16/92		
Ellsworth	yes		09/23/91	1991	12/31/91	1997	
Finney	yes		07/15/92	1992	12/14/92		
Ford	yes		05/17/93	1993	05/17/93	2004	
Franklin	yes	yes	05/01/89	1989	05/15/89	1997	
Geary	yes		09/06/96	1996	12/29/97	2002	
Gove	yes		07/15/92	1992	12/28/95		
Graham	yes		03/31/93	1993	03/31/93		
Grant	yes		10/05/92	1992	10/05/92		
Gray	yes		06/30/93	1993	06/30/93	2006	
Greeley	yes		12/31/92	1992	12/31/92		
Greenwood	yes		8/18/98	1998	10/18/98		
Hamilton	yes		05/08/97	1997	04/22/97		
Harper	yes		10/07/87	1987	12/21/87		
Harvey	yes		04/01/93	1993	04/15/93	2001	
Haskell	no		09/19/00	2000	n/a	n/a	
Hodgeman	yes		12/08/95	1995	12/08/95		
Jackson	yes		06/01/94	1994	07/15/94	2003	
Jefferson	yes		04/01/93	1993	01/15/94	2003	
Jewell	yes		10/12/92	1992	10/12/92		
Johnson	yes		03/01/94	1994	11/15/94	2004	
Kearny	yes		05/07/99	1999	05/12/99		
Kingman	yes	yes	10/07/87	1987	12/25/87		
Kiowa	yes	yes	10/07/87	1987	11/23/87		
Labette	yes		10/01/94	1994	04/15/94		
Lane	yes		07/15/92	1992	12/21/92		
Leavenworth	yes		02/01/90	1990	01/15/91	1999	
Lincoln	yes		05/01/96	1996	01/05/98		
Linn	yes		07/01/94	1994	08/01/94		

County	Code	Pre-LEP Code	KDHE Approval	Year Approved	Adopted	Year Revised/New Code Adopted	SFY 2006 Activities
Logan	yes		11/20/92	1992	11/20/92		
Lyon	yes	yes	01/15/70	1970	01/15/70	2004	
Marion	yes		01/06/94	1994	03/14/94		
Marshall	yes		01/11/93	1993	01/11/93	2002	
McPherson	yes		04/02/92	1992	04/02/92		
Meade	yes		12/01/92	1992	12/01/92		
Miami	yes		01/15/90	1990	03/15/90	1998, 2004	
Mitchell	yes		05/01/96	1996	07/01/96	2004, 2005	
Montgomery	yes		12/15/92	1992	07/15/93	1999	
Morris	yes		01/11/93	1993	09/30/94	2002	
Morton	yes		06/01/99	1999	07/12/99		
Nemaha	yes		03/15/93	1993	12/15/93		
Neosho	yes		02/16/97	1997	05/15/99		
Ness	yes		05/13/99	1999	07/12/99		
Norton	yes		12/31/92	1992	02/11/93		
Osage	yes		06/15/92	1992	08/15/92		
Osborne	yes		07/08/92	1992	09/14/92		
Ottawa	yes		06/08/92	1992	01/03/97	2001	
Pawnee	yes		02/07/94	1994	03/28/94		
Phillips	yes		11/02/92	1992	11/02/92		
Pottawatomie	yes	yes	06/15/81	1981	06/15/81	1997	
Pratt	yes	yes	10/07/87	1987	11/30/87		
Rawlins	yes		11/30/92	1992	11/30/92		
Reno	yes	yes	06/01/87	1987	06/01/87	2003	
Republic	yes		11/10/92	1992	11/30/92		
Rice	yes		10/21/91	1991	11/25/91		
Riley	yes		05/27/93	1993	01/18/94	1999	
Rooks	yes		01/14/92	1992	07/14/92		
Rush	yes		12/15/92	1992	12/21/92		
Russell	yes		09/14/92	1992	09/14/92		
Saline	yes		05/29/91	1991	10/23/91		
Scott	yes		09/12/96	1996	09/12/96		
Sedgwick	yes	yes	06/15/75	1975	06/15/75	2002	
Seward	yes		05/23/95	1995	07/17/95		
Shawnee	yes		08/07/98	1998	01/23/98	2004	
Sheridan	yes		04/14/93	1993	04/14/93		
Sherman	yes		01/29/93	1993	01/29/93		
Smith	yes		01/20/95	1995	01/30/95		
Stafford	yes		07/15/92	1992	09/30/92		
Stanton	yes		07/06/93	1993	07/06/93		
Stevens	yes		11/20/96	1996	03/17/97		
Sumner	yes		07/15/92	1992	09/15/92		
Thomas	yes		12/07/92	1992	12/07/92		
Trego	yes		11/30/92	1992	11/30/92		
Wabaunsee	yes		11/20/96	1996	01/27/97		
Wallace	yes		02/09/99	1999	03/10/99		
Washington	yes		08/01/95	1995	10/09/95	2002	
Wichita	yes		02/01/93	1993	02/01/93		
Wilson	yes		05/01/95	1995	09/15/95		
Woodson	yes		05/14/98	1998	06/16/98		
Wyandotte	yes		06/01/92	1992	06/01/92		