

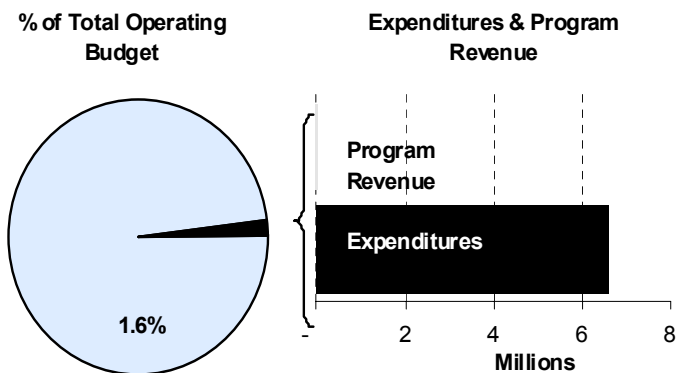
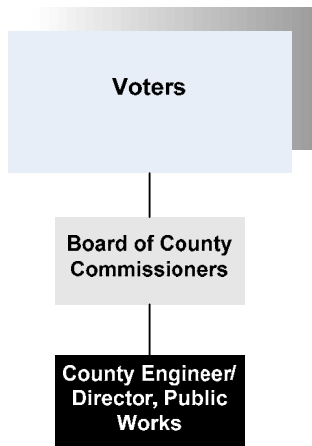


Paul Taylor
 Director, Stormwater Management
ptaylor@sedgwick.gov, 316-660-7901
 1144 S. Seneca, Wichita, KS 67213

Danny Evans
 Stream Maintenance Superintendent
devans@sedgwick.gov, 316-660-7901
 4701 S. West Street, Wichita, KS 67217

Mission:

- To enhance public safety and property values by minimizing property damage from flooding and erosion, protection of stormwater quality, enforcement of local regulations and compliance with federal and state law



Program Information

Storm Drainage is composed of three programs: Stream Maintenance, Flood Control and Stormwater Management. Each contributes to preventing or minimizing damage caused by flooding through active programs that respectively provide for shaping and clearing of streambeds, joint funding of maintenance of the Wichita Valley Center Flood Control Project with the City of Wichita, and management of drainage in the unincorporated areas of the County.

Stormwater Management devotes much of its time reviewing stormwater requirements for developments, on capital improvement project planning and permitting, and long term project planning. Staff are currently overseeing design and planning of long-term enhancements to drainage in the unincorporated areas of the County.

Of particular note is the effort by Stream Maintenance to the continuing effort to improve flow on the Cowskin. With property owners' permission, Stream Maintenance staff clears the stream banks of vegetation and debris.

As a result of their work, that flow has been significantly improved and several planned capital projects have been able to be deferred.

Certification of the 100 miles of levees included in the Wichita Valley Center Flood Control project is among those required by the Federal Emergency Management Agency (FEMA) and is a part of a long-term (ten year) digital remapping effort to produce a single set of flood control maps that cover the entire county. This levee certification is required to include existing levees on these updated maps. If the levees are not certified, citizens would have to buy flood insurance or pay much higher rates. A supplemental of \$500,000 for Levee Certification for the Wichita Valley Center Flood control is included in the 2008 budget and an additional \$700,000 is included in the 2009 budget for the evaluation of the levees which is being done in partnership with the City of Wichita. The budget for 2009 also includes \$4.0 million dollars for identified levee repairs or improvements. As is Flood Control, these projects are being jointly funded by Sedgwick County and the City of Wichita.

Departmental Sustainability Initiatives

Storm Drainage provides important protections to the economic sustainability of the County. Stream Maintenance has improved flow along the Cowskin and reduced flooding. As noted earlier, the County is working with the City of Wichita to obtain the FEMA required Levee Accreditation of the 100 miles of levees included in Wichita Valley Center Flood Control Project. Noteworthy progress on an integrated approach to Stormwater Drainage has also been made with the establishment of the Stormwater Management Advisory Board (SMAB) and the initiation of a project to accomplish a drainage manual that will establish effective standards that can be adopted across the County.

Department Accomplishments

Storm Drainage has worked with the City of Wichita to fund a LIDAR (Light Detection and Ranging) Mapping project, funded as part of the Capital Improvement program that will support the Levee Accreditation and also provide a highly detailed set of elevation data for the entire county drainage. The data will provide elevation detail as precise as two foot for the entire county with as additional detail as small as one foot changes in more critical areas. The data will have long term value and only need to be updated if changes occur.

Budget Adjustments

As indicated earlier, the Storm Drainage budget for 2009 includes \$700,000 for the completion of the engineering study of the Wichita Valley Center Flood Control required to achieve accreditation. The County and the City of Wichita each plan to include \$4.0 million in upcoming budgets to fund the anticipated repairs that will be identified during the study. The County budget also includes \$200,000 for operational needs of the Storm Water Management Advisory Board.

Alignment with County Values

- **Equal Opportunity -**
The program protects both the citizens and economy of Sedgwick County
- **Commitment -**
Proper maintenance of this invaluable resource

Goals & Initiatives

- **To protect the county's infrastructure by keeping watercourses free from obstruction**
Stream Maintenance clearing efforts on Cowskin have improved flow
- **Protect the investment in the Wichita-Valley Center Flood Control Project by supporting an effective maintenance program**
Levee Accreditation will identify needed improvements
- **Improve stormwater quality and the environment through an effective Stormwater Management Program**
Stormwater Management Advisory Board established and a county wide drainage manual under development

Budget Adjustments From Previous Fiscal Year

	Expenditures	Revenue	FTEs
- Levee Accreditation Evaluation Study (joint with City of Wichita)	700,000		
- CIP Cash Project: Levee repairs required for accreditation	4,000,000		
- Funding for Stormwater Management Advisory Board	200,000		
Total	4,900,000	-	-

Budget Summary by Category

Budget Summary by Fund

Expenditures	2007	2008	2008	2009	% Chg.	Expenditures	2008	2009
	Actual	Adopted	Revised				Budget	08-09
Personnel	423,640	427,715	427,715	454,277	6.2%	General Fund	3,824,112	6,612,614
Contractual Services	980,768	1,596,247	1,596,247	2,158,187	35.2%			
Debt Service	-	-	-	-	-			
Commodities	-	150	150	150	0.0%			
Capital Improvements	-	1,800,000	-	4,000,000				
Capital Equipment	-	-	-	-	-			
Interfund Transfers	40,000	-	1,800,000	-	-100.0%			
Total Expenditures	1,444,409	3,824,112	3,824,112	6,612,614	72.9%	Total Expenditures	3,824,112	6,612,614
Revenue								
Taxes	-	-	-	-	-			
Intergovernmental	3,100	-	-	3,100				
Charges For Service	-	-	-	-	-			
Other Revenue	106,068	41,768	41,768	40,000	-4.2%			
Total Revenue	109,168	41,768	41,768	43,100	3.2%			
Full-Time Equivalents (FTEs)	7.00	7.00	7.00	7.00	0.0%			

Budget Summary by Program

Program	Fund	Expenditures				2009	% Chg.	Full-Time Equivalents (FTEs)		
		2007	2008	2008	2009			2008	2008	2009
		Actual	Adopted	Revised	Budget	08-09	Adopted	Revised	Budget	
Stream Maintenance	110	400,943	417,016	417,016	440,486	5.6%	4.00	4.00	4.00	
Flood Control	110	809,040	1,403,980	1,403,980	5,752,470	309.7%	-	-	-	
Stormwater Management	110	234,426	2,003,116	2,003,116	419,658	-79.0%	3.00	3.00	3.00	
Total		1,444,409	3,824,112	3,824,112	6,612,614	72.9%	7.00	7.00	7.00	



• Stream Maintenance

The Stream Maintenance Department serves Sedgwick County citizens by correcting obstructions within watercourses, reshaping bank lines to ensure the normal course of flow following flood conditions, and inspecting streams and other watercourses during prolonged rain and flood conditions to insure protection of life and property.

The Department’s four-person staff performs the wide variety of work outlined above. They are assigned and use a variety of heavy equipment, principally bulldozers and tracked excavators, to accomplish their mission.

Fund(s): General Fund 110

23001-110

	2007	2008	2008	2009	% Chg.
	Actual	Adopted	Revised	Budget	08-09
Expenditures					
Personnel	240,192	236,088	236,088	248,750	5.4%
Contractual Services	160,751	180,928	180,928	191,736	6.0%
Debt Service	-	-	-	-	
Commodities	-	-	-	-	
Capital Improvements	-	-	-	-	
Capital Equipment	-	-	-	-	
Interfund Transfers	-	-	-	-	
Total Expenditures	400,943	417,016	417,016	440,486	5.6%
Revenue					
Taxes	-	-	-	-	
Intergovernmental	-	-	-	-	
Charges For Service	-	-	-	-	
Other Revenue	-	1,768	1,768	-	-100.0%
Total Revenue	-	1,768	1,768	-	-100.0%
Full-Time Equivalents (FTEs)	4.00	4.00	4.00	4.00	0.0%

Goal(s):

- To protect the county’s infrastructure by keeping watercourses free from obstruction
- Maintain the channels of the Arkansas River, Little Arkansas River, Cowskin Creek and Jester Creek as authorized by the State of Kansas under the Stream Maintenance Act

• Flood Control

The City-County Flood Control program inspects, operates and maintains the Wichita-Valley Center Flood Control Project in accordance with standards established by the U.S. Army Corps of Engineers. This program is administered by the City of Wichita’s Public Works Department and is funded equally by the City of Wichita and Sedgwick County.

The Wichita-Valley Center Flood Control Project includes 40.9 miles of channels, 97 miles of levees, and total area of 5,613 acres. Maintenance of the flood control project includes mowing, clearing draining structures, removing debris from bridges and other structures, grading levees and roadways, repairing erosion, stabilizing banks, and repairing fences and gates.

Fund(s): General Fund 110

23002-110

	2007	2008	2008	2009	% Chg.
	Actual	Adopted	Revised	Budget	08-09
Expenditures					
Personnel	-	-	-	-	
Contractual Services	809,040	1,403,980	1,403,980	1,752,470	24.8%
Debt Service	-	-	-	-	
Commodities	-	-	-	-	
Capital Improvements	-	-	-	4,000,000	
Capital Equipment	-	-	-	-	
Interfund Transfers	-	-	-	-	
Total Expenditures	809,040	1,403,980	1,403,980	5,752,470	309.7%
Revenue					
Taxes	-	-	-	-	
Intergovernmental	-	-	-	-	
Charges For Service	-	-	-	-	
Other Revenue	106,068	40,000	40,000	40,000	0.0%
Total Revenue	106,068	40,000	40,000	40,000	0.0%
Full-Time Equivalents (FTEs)	-	-	-	-	-

Goal(s):

- Protect the investment in the Wichita-Valley Center Flood control Project by supporting an effective maintenance program



• Stormwater Management

Stormwater Management provides citizens a single point of contact for drainage issues within the unincorporated areas of the County. Equally important is the capability to implement a comprehensive approach to stormwater planning and design. Established in 2001, the department has been responsible for a series of drainage projects beginning in the 2001 capital improvement program. These drainage projects occupy a significant portion of the department's time, as does the design of future projects. The department has a wide variety of responsibilities that include implementation of Phase II of the National Pollutant Discharge Elimination System (NPDES), a federal mandate.

Fund(s): General Fund 110

23003-110

	2007	2008	2008	2009	% Chg.
	Actual	Adopted	Revised	Budget	08-09
Expenditures					
Personnel	183,448	191,627	191,627	205,527	7.3%
Contractual Services	10,977	11,339	11,339	213,981	1787.1%
Debt Service	-	-	-	-	-
Commodities	-	150	150	150	0.0%
Capital Improvements	-	1,800,000	-	-	-
Capital Equipment	-	-	-	-	-
Interfund Transfers	40,000	-	1,800,000	-	-100.0%
Total Expenditures	234,426	2,003,116	2,003,116	419,658	-79.0%
Revenue					
Taxes	-	-	-	-	-
Intergovernmental	3,100	-	-	3,100	-
Charges For Service	-	-	-	-	-
Other Revenue	-	-	-	-	-
Total Revenue	3,100	-	-	3,100	-
Full-Time Equivalents (FTEs)	3.00	3.00	3.00	3.00	0.0%

Goal(s):

- Maintain an effective Stormwater Management Plan
- Improve stormwater quality and the environment through an effective Stormwater Management Program

