

Stormwater Management

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.

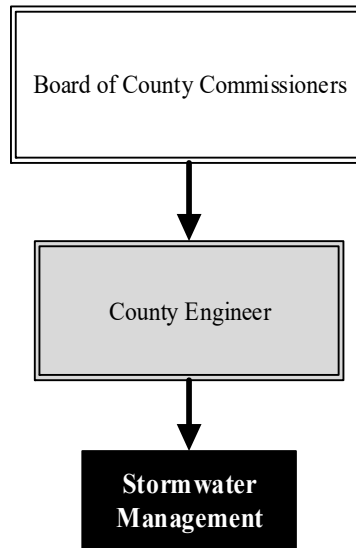
Scott C. Lindebak, P.E., CFM
Stormwater Manager

1144 S. Seneca St.
 Wichita, KS 67217
 316.660.1777

scott.lindebak@sedgwick.gov

Overview

Stormwater Management reviews stormwater requirements for developments, provides planning and permitting services for capital improvement projects, and conducts and oversees long-term project planning of drainage enhancements in unincorporated Sedgwick County. Stream Maintenance, Flood Control, and Stormwater Engineering combine to prevent or minimize flood damage by shaping and clearing streambeds and managing drainage in the county's unincorporated areas. Of particular note is the Department's continuing and successful effort to improve flow on Spring Creek. Stormwater Management also partners with the City of Wichita to jointly fund maintenance of the M.S. 'Mitch' Mitchell Floodway.



Strategic Goals:

- *Protect the County's infrastructure by keeping watercourses free from obstructions*
- *Protect the investment in the M.S. 'Mitch' Mitchell Floodway by supporting an effective maintenance program*
- *Improve stormwater quality and the environment through an effective stormwater management program*

Highlights

- Cut brush and removed sediment from over 30 drainage structures along township and County roads
- Completed the inventory and inspection of approximately 4,000 crossroad culverts between 2023 and 2024 for the purpose of improving drainage throughout the County
- Established a social media campaign that posted six different stormwater quality messages in 2023 to educate the public on the importance of reducing pollutants to rivers and creeks
- Completed stream bank stabilization of Spring Creek, south of Derby and upstream of K-15 in 2024



Accomplishments and Strategic Results

Accomplishments

The Stormwater Management Department has provided joint funding with the City of Wichita to ensure upkeep and maintenance of the Wichita-Valley Center Flood Control project, also known as the M.S. "Mitch" Mitchell Floodway or the "Big Ditch", to annually meet Federal regulations. The Stream Maintenance Program has worked to improve water flow along several county streams, including Dry Creek, Jester Creek, and Cowskin Creek. This time-consuming process involves meeting with property owners to explain the project and gain permission to access private property if necessary. The Stream Maintenance crew is meticulous to leave property in the same or better condition than when it arrived. The program has also successfully restored natural habitats in waterways to ensure the preservation of endangered species. The Stormwater Management Department completed a county-wide culvert inventory and condition assessment that had not been done since 1989. This project took two years to complete and included about 4,000 culverts in the unincorporated areas. This asset inventory will be used to help prioritize future projects.

Strategic Results

Stormwater Management continues to maintain operations with limited resources; proactively clearing debris and vegetation from County maintained streams and drainage structures to reduce or eliminate impact on property owners and infrastructure; and ensuring environmental compliance through the timely acquisition of permits. In addition, a priority for Flood Control is to continue the improvements of toe drains on the M. S. "Mitch" Mitchell Floodway (the "Big Ditch") to ensure future levee certification. This certification of 97 miles of levees is required by the Federal Emergency Management Agency (FEMA) and keeps property owners from increased insurance rates.

Stormwater Management has several strategic goals to track performance. One goal is the cleaning and repair of at least four hot spot streams. The 2023 result for this was four hot spots cleaned and repaired. Hot spots are smaller projects that have a relatively big impact on a drainage system, for example a log jam or a series of log jams that are removed that clear a larger problem area. Another strategic goal is to clear 20 bridge openings of trees and debris. The 2023 result for this was three bridge openings cleared of trees and debris.

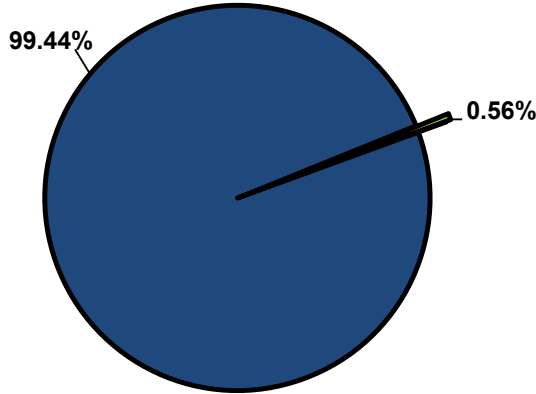


Significant Budget Adjustments

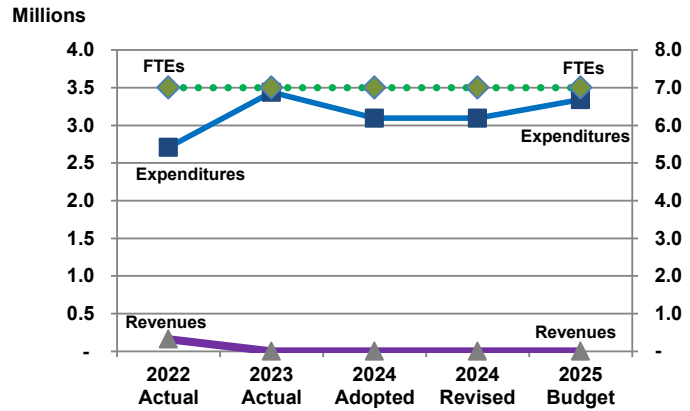
Significant adjustments to Stormwater Management's 2025 budget include an increase in funding for a 2025 Capital Improvement Program (CIP) project (\$760,000), a decrease in interfund transfers due to a 2024 CIP project (\$760,000), and an increase in funding for Flood Control to match the funding agreement with the City of Wichita (\$136,684).

Departmental Graphical Summary

Stormwater Management
Percent of Total County Operating Budget



Expenditures, Program Revenue & FTEs
All Operating Funds



Budget Summary by Category

	2022 Actual	2023 Actual	2024 Adopted	2024 Revised	2025 Budget	Amount Chg '24 Rev.-'25	% Chg '24 Rev.-'25
Expenditures							
Personnel	510,682	538,797	636,821	636,821	683,299	46,478	7.30%
Contractual Services	1,268,063	1,537,890	1,695,266	1,695,453	1,895,786	200,333	11.82%
Debt Service	-	-	-	-	-	-	-
Commodities	5,000	940	2,700	2,700	2,700	-	0.00%
Capital Improvements	-	-	760,187	-	760,000	760,000	-
Capital Equipment	-	-	-	-	-	-	-
Interfund Transfers	925,000	1,360,187	-	760,000	-	(760,000)	-100.00%
Total Expenditures	2,708,745	3,437,814	3,094,974	3,094,974	3,341,784	246,810	7.97%
Revenues							
Tax Revenues	-	-	-	-	-	-	-
Licenses and Permits	-	-	-	-	-	-	-
Intergovernmental	-	-	-	-	-	-	-
Charges for Services	-	-	-	-	-	-	-
All Other Revenue	160,264	-	-	-	-	-	-
Total Revenues	160,264	-	-	-	-	-	-
Full-Time Equivalentents (FTEs)							
Property Tax Funded	7.00	7.00	7.00	7.00	7.00	-	0.00%
Non-Property Tax Funded	-	-	-	-	-	-	-
Total FTEs	7.00	7.00	7.00	7.00	7.00	-	0.00%

Budget Summary by Fund

Fund	2022 Actual	2023 Actual	2024 Adopted	2024 Revised	2025 Budget	Amount Chg '24 Rev.-'25	% Chg '24 Rev.-'25
General Fund	2,708,745	3,437,814	3,094,974	3,094,974	3,341,784	246,810	7.97%
Total Expenditures	2,708,745	3,437,814	3,094,974	3,094,974	3,341,784	246,810	7.97%

Significant Budget Adjustments from Prior Year Revised Budget

	Expenditures	Revenues	FTEs
Increase in funding for a 2025 CIP project	760,000		
Decrease in interfund transfers due to a 2024 CIP project	(760,000)		
Increase in funding to match the Flood Control Agreement with the City of Wichita	136,684		
Total	136,684	-	-

Budget Summary by Program

Program	Fund	2022 Actual	2023 Actual	2024 Adopted	2024 Revised	2025 Budget	% Chg '24 Rev.-'25	24'-25' FTEs
Stream Maintenance	110	598,874	652,407	704,975	704,975	814,589	15.55%	6.00
Flood Control	110	1,927,864	2,614,399	2,175,640	2,175,640	2,312,324	6.28%	-
Stormwater Engineering	110	182,007	171,008	214,359	214,359	214,871	0.24%	1.00
Total		2,708,745	3,437,814	3,094,974	3,094,974	3,341,784	7.97%	7.00

Personnel Summary by Fund

Position Titles	Fund	Grade	Budgeted Compensation Comparison			FTE Comparison		
			2024 Adopted	2024 Revised	2025 Budget	2024 Adopted	2024 Revised	2025 Budget
Senior Engineer	110	GRADE 68	92,806	95,590	95,590	1.00	1.00	1.00
Maintenance Foreman	110	GRADE 59	72,071	75,067	75,067	1.00	1.00	1.00
Crew Chief	110	GRADE 57	62,902	65,285	65,285	1.00	1.00	1.00
Equipment Operator III	110	GRADE 56	202,786	219,477	219,477	4.00	4.00	4.00
Subtotal					455,419			
Add:								
Budgeted Personnel Savings					-			
Compensation Adjustments					26,706			
Overtime/On Call/Holiday Pay					6,000			
Benefits					195,173			
Total Personnel Budget					683,299	7.00	7.00	7.00

• Stream Maintenance

The Stream Maintenance Program 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 ensure protection of life and property.

The program's six-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): 110 - County general

Expenditures	2022 Actual	2023 Actual	2024 Adopted	2024 Revised	2025 Budget	Amnt. Chg. '24 - '25	% Chg. '24 - '25
Personnel	384,140	408,024	501,644	501,644	541,290	39,646	7.9%
Contractual Services	209,734	243,443	200,631	200,631	270,599	69,968	34.9%
Debt Service	-	-	-	-	-	-	0.0%
Commodities	5,000	940	2,700	2,700	2,700	-	0.0%
Capital Improvements	-	-	-	-	-	-	0.0%
Capital Equipment	-	-	-	-	-	-	0.0%
Interfund Transfers	-	-	-	-	-	-	0.0%
Total Expenditures	598,874	652,407	704,975	704,975	814,589	109,614	15.5%
Revenues							
Taxes	-	-	-	-	-	-	0.0%
Intergovernmental	-	-	-	-	-	-	0.0%
Charges For Service	-	-	-	-	-	-	0.0%
All Other Revenue	-	-	-	-	-	-	0.0%
Total Revenues	-	-	-	-	-	-	0.0%
Full-Time Equivalents (FTEs)	6.00	6.00	6.00	6.00	6.00	-	0.0%

• 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 United States Army Corps of Engineers (USACE). 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, 97.0 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): 110 - County general

Expenditures	2022 Actual	2023 Actual	2024 Adopted	2024 Revised	2025 Budget	Amnt. Chg. '24 - '25	% Chg. '24 - '25
Personnel	-	-	-	-	-	-	0.0%
Contractual Services	1,002,864	1,254,212	1,415,453	1,415,640	1,552,324	136,684	9.7%
Debt Service	-	-	-	-	-	-	0.0%
Commodities	-	-	-	-	-	-	0.0%
Capital Improvements	-	-	760,187	-	760,000	760,000	0.0%
Capital Equipment	-	-	-	-	-	-	0.0%
Interfund Transfers	925,000	1,360,187	-	760,000	-	(760,000)	-100.0%
Total Expenditures	1,927,864	2,614,399	2,175,640	2,175,640	2,312,324	136,684	6.3%
Revenues							
Taxes	-	-	-	-	-	-	0.0%
Intergovernmental	-	-	-	-	-	-	0.0%
Charges For Service	-	-	-	-	-	-	0.0%
All Other Revenue	160,264	-	-	-	-	-	0.0%
Total Revenues	160,264	-	-	-	-	-	0.0%
Full-Time Equivalents (FTEs)	-	-	-	-	-	-	0.0%

• Stormwater Engineering

Stormwater Engineering 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 program 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 program's time, as does the design of future projects. The program 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): 110 - County general

Expenditures	2022 Actual	2023 Actual	2024 Adopted	2024 Revised	2025 Budget	Amnt. Chg. '24 - '25	% Chg. '24 - '25
Personnel	126,542	130,773	135,177	135,177	142,008	6,831	5.1%
Contractual Services	55,466	40,235	79,182	79,182	72,863	(6,319)	-8.0%
Debt Service	-	-	-	-	-	-	0.0%
Commodities	-	-	-	-	-	-	0.0%
Capital Improvements	-	-	-	-	-	-	0.0%
Capital Equipment	-	-	-	-	-	-	0.0%
Interfund Transfers	-	-	-	-	-	-	0.0%
Total Expenditures	182,007	171,008	214,359	214,359	214,871	512	0.2%
Revenues							
Taxes	-	-	-	-	-	-	0.0%
Intergovernmental	-	-	-	-	-	-	0.0%
Charges For Service	-	-	-	-	-	-	0.0%
All Other Revenue	-	-	-	-	-	-	0.0%
Total Revenues	-	-	-	-	-	-	0.0%
Full-Time Equivalent (FTEs)	1.00	1.00	1.00	1.00	1.00	-	0.0%