

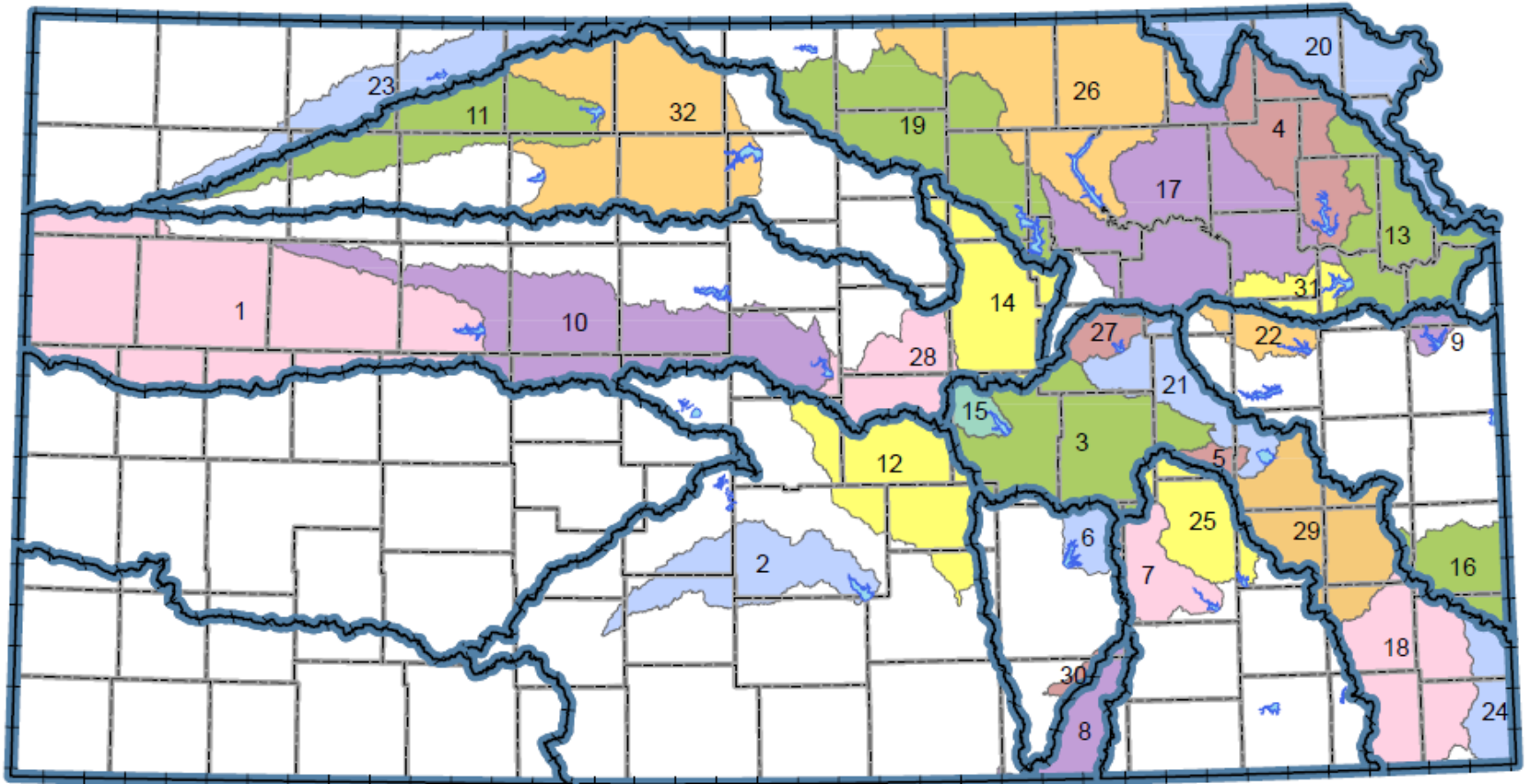
Understanding Extension's Role in WRAPS

Carl Garten &
Watershed Specialists

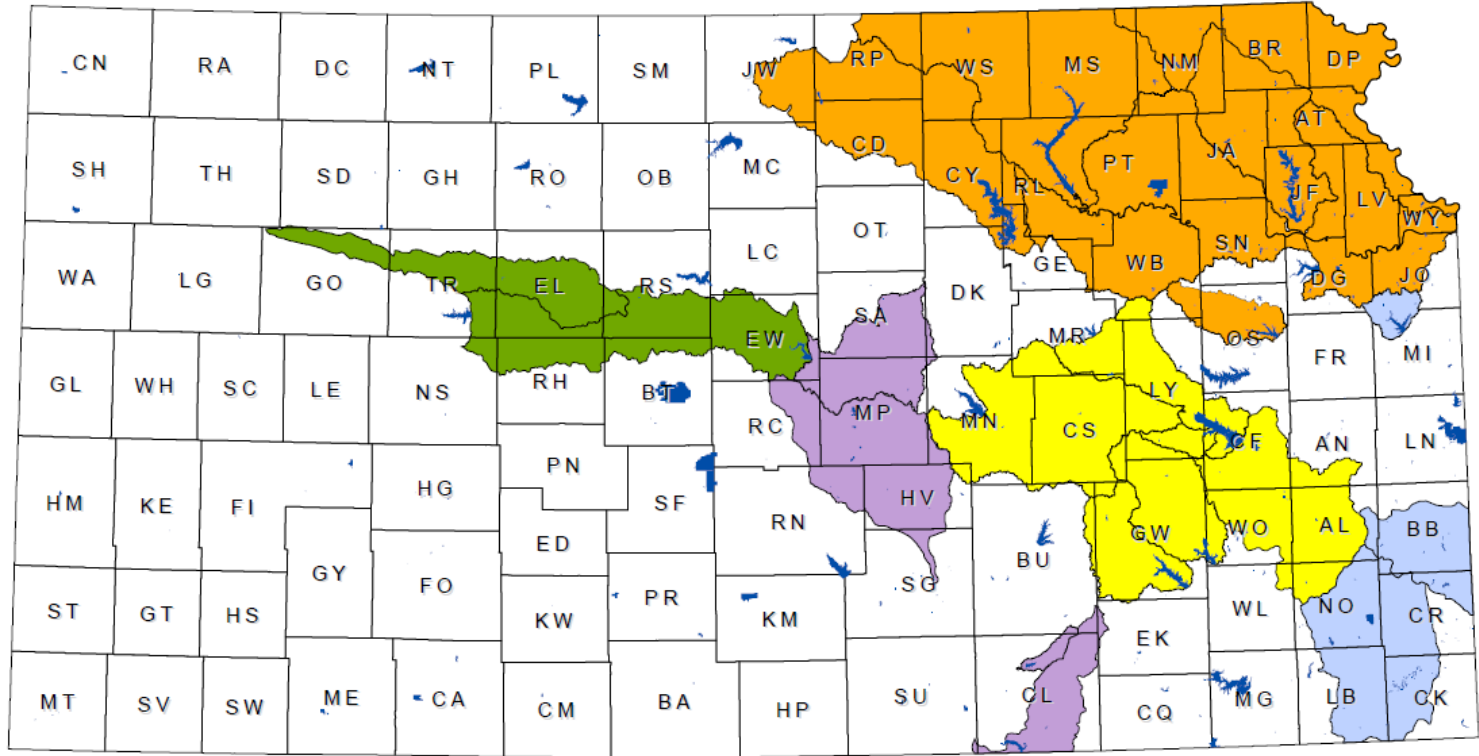
Water Quality Professional Development
October 4-5, 2016

Kansas WRAPS Projects

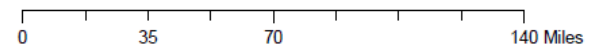
Stakeholder Leadership Team Areas
as of September 2016



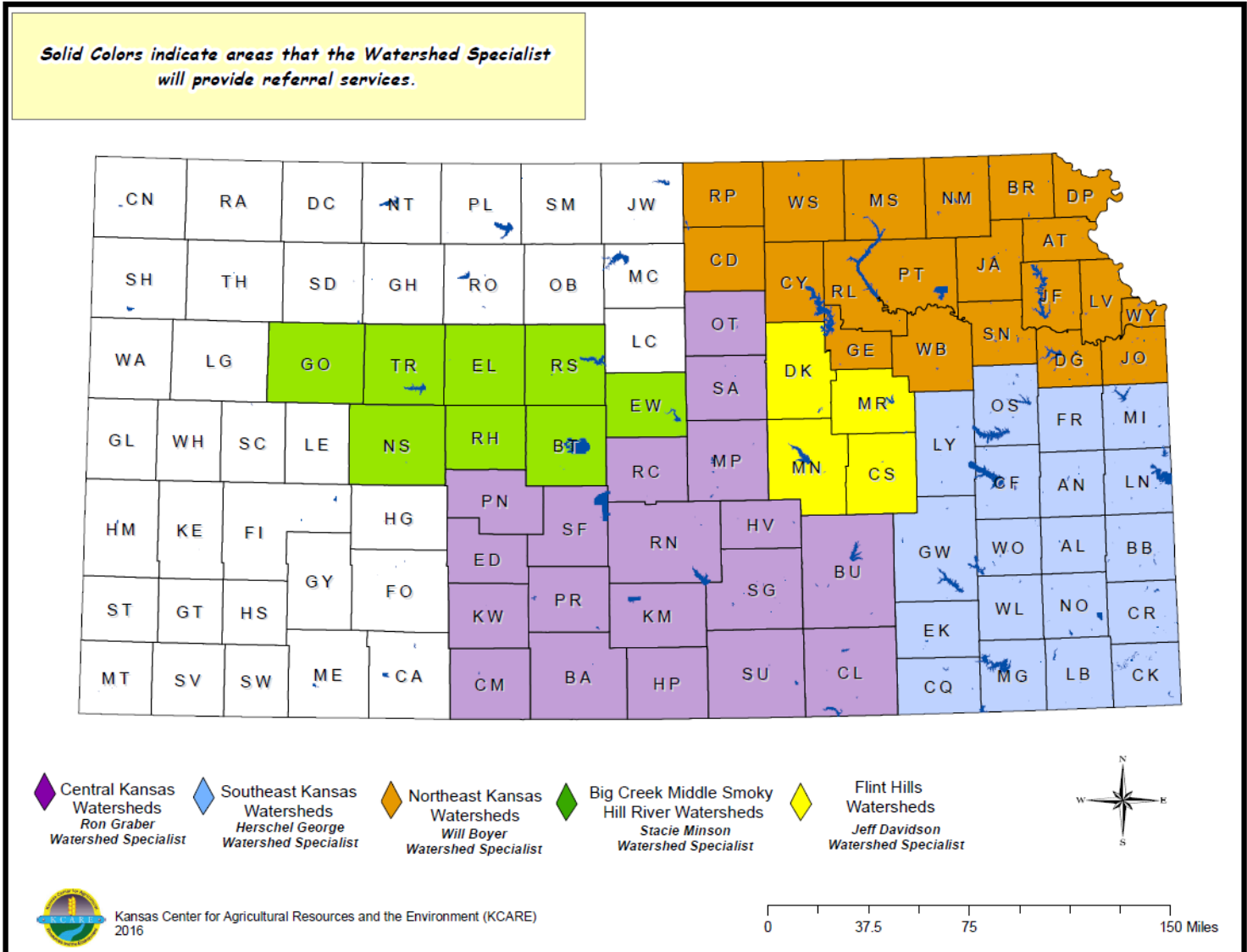
Solid Colors indicate areas that the specialist/coordinator has direct involvement with WRAPS BMP assistance.



- ◆ Central Kansas Watersheds
Ron Graber
Watershed Specialist
- ◆ Southeast Kansas Watersheds
Herschel George
Watershed Specialist
- ◆ Northeast Kansas Watersheds
Will Boyer
Watershed Specialist
- ◆ Big Creek Middle Smoky Hill River Watersheds
Stacie Minson
Watershed Specialist
- ◆ Flint Hills Watersheds
Jeff Davidson
Watershed Specialist



Livestock Referral Areas



Watershed Restoration and Protection Strategy (WRAPS)

The WRAPS process consists of 4 stages:

1. Identifying the watershed restoration and protection needs
2. Establishing watershed goals
3. Creating actions steps/plans to achieve the established goals
4. Implementing the plans

Cedar Bluff	I&E	TBD	Coordinator Travel to WRAPS Conference	\$200
Cedar Bluff	I&E	TBD	BMP Promotion; grazing school scholarship	\$240
Cottonwood	I&E	TBD	Livestock and Cropland Field Day	\$1,000
Delaware	I&E	KACEE	KACEE Workshops	\$5,000
Eagle Creek	I&E	KAWS	Workshop, mailings, newsletter	1,000
El Dorado	I&E	Butler CCD	KACEE - Family Water Awareness Day	\$2,500
Fall River and Toronto	I&E	KAWS	Livestock and Cropland Workshops (\$3,000) supplies, meals, advertisement, outreach materials (\$3,000).	\$6,000
Hillsdale	I&E	TBD	I and E activities	\$1,000
Kanopolis	I&E	KSU	Supplies - fuel (\$4,000) and other materials (\$4,500)	\$8,500
Kirwin	I&E	TBD	BMP Promotion; Wildlife Ag cons field day	\$500
Lower Arkansas	I&E	KACEE	KACEE I&E	\$2,500
Lower Lower Smoky	I&E	Dickinson County	Water Fest Publicity/Supplies 500, SLT Education 500. Workshops/Tours 500.	\$1,500
Marion	I&E	Marion	2 livestock workshops, EnviroFest, info/edu workshops, field days, tours, material, print items - 5,000, KACEE- Project WET workshop - 2,500(yr1), KACEE-Project WILD workshop(yr2)	\$7,500
Middle Neosho	I&E	KAWS	Workshops, tours, meals/exp	\$2,000
Milford	I&E	TBD	Cropland BMP demo/tour/workshop(I&E projects in watershed)	\$1,000
Neosho Headwaters	I&E	KAWS	mailings, workshops, newsletter, demonstration area incentives/expenses	\$0
Pomona	I&E	Osage CCD	mailings, workshops	\$2,900
Upper Neosho	I&E	TBD	I&E activities such as cropland and livestock field days	\$250
Waconda	I&E	TBD	BMP Advertising and a Grazingland Scholarship	\$1,150

Cedar Bluff	BMP	TBD	Cropland and Livestock BMPs. Includes Alternative Livestock waterer demo.	\$26,380
Cheney	BMP	Reno CCD	BMP implementation	\$25,000
Cottonwood	BMP	TBD	Cropland and Livestock BMPs	\$87,206
Delaware	BMP	Glacial Hills RC&D	Cropland BMP projects	\$38,500
Delaware	BMP	Glacial Hills RC&D	Gully control projects	\$8,000
Delaware	BMP	Glacial Hills RC&D	Livestock BMPs	\$25,000
Eagle Creek	BMP	KAWS	BMPs	10,000
El Dorado	BMP	Butler CCD	BMPs for Cropland, Livestock and Incentive payments for landowners	\$30,700
Fall River and Toronto	BMP	KAWS	BMPs	\$40,000
Hillsdale	BMP	TBD	Cropland and Livestock	\$25,000
Kanopolis	BMP	KSU	BMPs in targeted areas	\$43,207
Kanopolis	BMP	KSU	Indirect	
Kirwin	BMP	TBD	Cropland and Livestock BMPs	\$26,300
Little Arkansas	BMP	KSU	Cropland, Livestock cost-share payments through mcPherson county	\$40,000
Lower Kansas	BMP	KAWS	BMPs in targeted subwatershed of Nine Mile Creek - livestock projects only.	\$30,000
Lower Little Blue/Lower Big Blue River	BMP	Glacial Hills RC&D	Cropland BMPs	\$40,000
Lower Little Blue/Lower Big Blue River	BMP	Glacial Hills RC&D	Livestock waste management/alternative water & feed BMPs.	\$31,300
Lower Lower Smoky	BMP	Dickinson County	Livestock and Cropland BMPs	\$18,000
Marion	BMP	Marion	Cropland & Livestock BMPs	\$45,640
Marmaton	BMP	Marmaton WSD	Cropland and Livestock BMPs	\$20,000
Melvorn	BMP	Osage CCD	cropland, livestock	\$0
Middle Kansas	BMP	KAWS	BMPs in targeted subwatersheds of Soldier Creek - cropland and streambank projects.	\$20,000
Middle Kansas	BMP	KAWS	BMPs in targeted subwatersheds of Rock Creek - livestock projects only and	\$13,520
Middle Neosho	BMP	KAWS	BMPs	\$35,000
Milford	BMP	TBD	Cropland BMP (BMP's within watershed)	\$0
Missouri	BMP	Glacial Hills RC&D	Cropland BMPs	\$18,000
Missouri	BMP	Glacial Hills RC&D	Livestock BMPs	\$6,000
Neosho Headwaters	BMP	KAWS	Need clarification on breakdown.	\$10,000
Pomona	BMP	Osage CCD	Cropland and Livestock BMPs -	\$60,000
Prairie Dog Creek	BMP	Norton CCD	Cropland and Livestock BMPs -	\$50,000
Spring River	BMP	TBD	Cropland and Livestock BMPs	\$10,000
Twin Lakes	BMP	Morris Cty CD	Cropland and livestock BMPs	\$54,316
Twin Lakes	BMP	Morris Cty CD	Forestry RCPP, Riparian improvement, fence,	\$10,000
Upper Lower Smoky	BMP	KSU	BMPs	\$21,500
Upper Neosho	BMP	TBD	BMP implementation	\$25,303
Upper Timber and Grouse Silver Creek	BMP	Grouse Silver Creek	BMP Cost share (cropland, livestock and streambank)	\$12,400
			9-13 Potential projects would include notill practices, wetland and sediment retention basins at terrace outlets, repair or replace eroded grass waterways with tile outlets to wetlands, stream stabilization projects, livestock management that limits livestock access to water ways.	
Upper Wakarusa	BMP	KAWS		\$40,000
Waconda	BMP	TBD	Livestock and Cropland BMPs	\$91,000

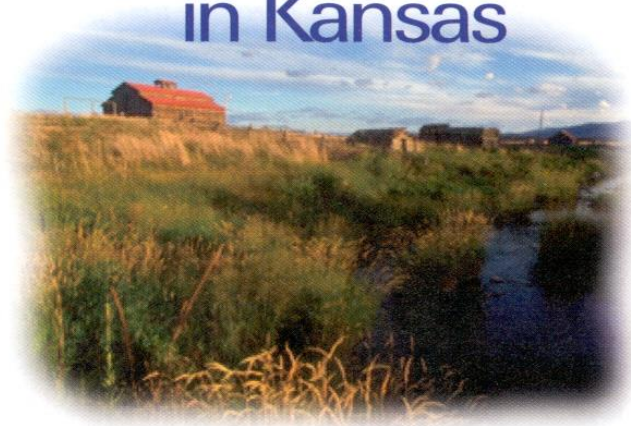
- I think the Extension service should consider the WRAPS programs as an opportunity and part of the total Extension education program.
- WRAPS has the opportunity to hold workshops and demonstrations to further issues about water in Kansas.
- Extension has the opportunity to develop the necessary relationships to discuss critical issues important to the Agriculture community dealing with both water quality and quantity.
- Extension is and should be an unbiased agency in the review of project, and evaluating the load reduction focuses.
- Extension can help bring the diversity of thought to the Stakeholder Leadership Team.
- The strongest WRAPS group have more landowners participate on the SLT relative to the agency driven SLTs.
- Extension staff do not necessarily need to be the Technical Service Providers that design projects, but can be the Technical Service Provider for the Education activities.
- If Extension chooses to not take the leadership around water quality and quantity, there are other agencies that would like to be the voice for and about Agriculture.

- Many conservation districts have decided that WRAPS is the source of funds they can use to replace the diminishing level of funding from the DOC, Division of Conservation.
- Many Conservation districts have chosen to take the leadership to sponsor the WRAPS to gain control of these funds.
- If Extension does not get involved to provide leadership with the WRAPS programs, they will allow the conservation districts to be provide the leadership to Education as well.

- **Benefits**
- New Program that comes with its own advisory board, other agencies, and specialist help.
- Agent responsibilities are: facilitation of facilities, food, local producers, equipment.
- Tours, Field days.
- **Disadvantages ??**

- Improved water quality(Public, livestock, wildlife, recreation, etc.)
- New funds
- New projects
- Addressing Environmental Issues
- New way of thinking
- Disadvantages????

Meeting Water
Quality Challenges
in Kansas



Taking Local Action
