

Kansas Alliance for Wetlands and Streams

Service Provider Assistance

The Kansas Alliance for Wetlands and Streams (KAWS) has a strong track record in assisting WRAPS in all stages of progression. We offer our network of partners to help each WRAPS group fully develop and implement their plans.

KAWS provides 100 percent coverage of the state with 12 chapters and local chapter members that are residents and stakeholders in their watershed. Our staff is dedicated to protection, restoration and creation of wetlands, streams, and their associated riparian areas. This is illustrated by the fact that KAWS has been promoting water quality improvement for the past 12 years and has a strong record in providing quality demonstration projects to showcase wetland, stream and riparian area technologies with over 230 projects completed to date.

KAWS is able to provide to watershed and conservation groups the following assistance:

1. Watershed Assessments
2. Workshops and Tours
3. General Wraps Support
4. Water Quality Monitoring

The Kansas Alliance for Wetlands and Streams, Inc. (KAWS), works with local people to create, protect and restore our state's wetland and stream resources. Organized in 1996, KAWS is a 501(c)(3) educational public charity reaching a broad spectrum of individuals, groups, and governmental agencies to improve the wetlands and streams they own or control.

KAWS mission is to ensure the future of wetlands, streams and their adjacent riparian areas as an integral part of our Kansas heritage and landscape. KAWS provides a variety of services to watershed and conservation groups, all of which help to strengthen and develop conservation efforts.

KAWS provides its services through 12 local chapters that cover the entire state.



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KAWS is an Equal Opportunity Provider

Kansas Alliance for Wetlands and Streams



WRAPS Service Provider Price List

November 16, 2010

KAWS - Service Provider Assistance

Price List I/

Workshops and Tours

\$2,800

KAWS does a complete job in organizing and conducting events that promote its mission areas – creating, enhancing and protecting wetlands, streams and riparian areas. We can help increase awareness, create interest, and identify needs as we conduct workshops and tours on:

- Streambank stabilization
- Wetland restoration, enhancement, protection
- Moving livestock from streams and riparian areas
- Riparian buffers

Wraps Support

\$1,900

KAWS staff will:

- Participate in WRAPS meetings and provide support between meetings
- Maintain close communications with the WRAPS coordinator, leadership team members and others
- Serve on stakeholder leadership teams as requested
- Provide topical presentations and technical expertise as requested on:
 1. Streambank stabilization
 2. Wetland restoration
 3. Moving livestock from streams and riparian areas
 4. Riparian buffers
 5. Provide input on needed assessments.
- Assist with WRAPS-led tours, workshops, and demonstration projects
- Provide informational support
- Identifying demonstration projects.

Watershed Assessment

KAWS can perform various levels of GIS analysis relating to the riparian area and the associated land in the watershed. The level of assessment and cost are listed below:

Level I - Package

\$15,000

- Fecal Coliform Bacteria (FCB) Source Assessment
- Land Use/ Cover Buffer Analysis
- Stream Bank Stabilization Sites
- Basic Land Ownership Analysis (if GIS layer available)
- Information and Education

Level II - Level I plus

- | | |
|---|----------------|
| 1. Terrain Surface Analysis | \$5,000 |
| 2. RUSLE Soil Erosion Potential Analysis | \$4,000 |
| 3. Ephemeral Gully Identification | \$5,000 |
| 4. Identification of Riparian Areas in Need of Protection | \$4,000 |

Level I & II - Individual

- | | |
|---|----------------|
| 1. Fecal Coliform Bacteria (FCB) Source Assessment | \$7,000 |
| 2. Land Use/ Cover Buffer Analysis | \$6,000 |
| 3. Stream Bank Stabilization Sites | \$7,000 |
| 4. Ephemeral Gully Identification | \$7,000 |
| 5. Terrain Surface Analysis | \$8,000 |
| 6. RUSLE Soil Erosion Potential Analysis | \$6,000 |
| 7. Basic Land Ownership Analysis (if GIS layer available) | \$2,500 |

All prices based on analysis of HUC 12 watershed size: 50 sq. miles (32,000 acres) or 120 linear stream miles (633,600 feet)

Water Quality Monitoring

KAWS will perform water quality sampling to assist the local SLT on evaluating sub watersheds for the need for further analysis such as an assessment or determination that the particular sub watershed is not a contributor to the TMDL.

Locations will be determined by the SLT and KDHE. The sampling will not support the TMDL sampling standards.

Sampling will occur during high flow events in May and August. Samples may be tested for:

- Total Suspended Solids
- Total Nitrogen
- Total Phosphorous
- E. Coli
- Others - negotiable

KAWS will hire and train local land-owners or partners to take the samples and ship them to the lab for testing. (These are paid individuals and not volunteers)

Samples will be evaluated with KDHE on the findings and furnished to the WRAPS group.

Costs:

Single sample and test in a watershed:

	Per sample
1	\$600
2	\$500
3 or more	\$400

I/ Price for SFY12/FFY11; Excluding Demonstration Projects add 5% for SFY13/FFY12; 10% for SFY14/FFY13