

DRAFT
Kansas WRAPS
Nine Element Watershed Plan Checklist

Plan Name :

Submitted By :

Date Submitted :

Reviewed By :

Scoring System

- 1 = Inadequate
- 2 = Partially Inadequate
- 3 = Adequate
- 4 = Exceeds Requirements
- 5 = Exceptional

Causes and Sources of Pollution

Identification of causes of impairment and pollutant sources or groups of similar sources that need to be controlled to achieve needed load reductions, and any other goals identified in the watershed plan. Sources that need to be controlled should be identified at the significant subcategory level along with estimates of the extent to which they are present in the watershed (e.g., X number of dairy cattle feedlots needing upgrading, including a rough estimate of the number of cattle per facility; Y acres of row crops needing improved nutrient management or sediment control; or Z linear miles of eroded streambank needing remediation).

<i>Review Criteria</i>	<i>Score</i>	<i>Pages/Section</i>	<i>Comments</i>	<i>Recommendations</i>
Causes and sources of threat or impairment are identified and described	1 2 3 4 5			
Specific causes and sources are identified by geographic location	1 2 3 4 5			
Water quality impairments for each impairment source are quantified	1 2 3 4 5			
Sources of threat or impairment are identified and estimated at the significant subcategory level	1 2 3 4 5			

NPS Management Measures

An estimate of the load reductions expected from management measures.

<i>Review Criteria</i>	<i>Score</i>	<i>Pages/Section</i>	<i>Comments</i>	<i>Recommendations</i>
Load reductions or water quality-based goals identified through necessary management measures	1 2 3 4 5			
Areas of implementation for management measures are identified	1 2 3 4 5			
Proposed management measures for the watershed are feasible and strategic	1 2 3 4 5			
Priority or critical areas of management measure implementation are identified (map or narrative)	1 2 3 4 5			
The extent of implementation is quantified (x acres of filter strips, etc.)	1 2 3 4 5			

Watershed and Water Quality-based Goals

A description of the nonpoint source management measures that will need to be implemented to achieve load reductions in previously scored section, and a description of the critical areas in which those measures will be needed to implement this plan.

<i>Review Criteria</i>	<i>Score</i>	<i>Pages/Section</i>	<i>Comments</i>	<i>Recommendations</i>
Water quality goals to be achieved are listed by water body segment	1 2 3 4 5			
Environmental goals are estimated, described, and prioritized	1 2 3 4 5			
Goals are quantified for each identified source	1 2 3 4 5			
Load reduction estimates for each management measure are identified and quantified	1 2 3 4 5			

Technical and Financial Assistance

Estimate of the amounts of technical and financial assistance needed, associated costs, and/or the sources and authorities that will be relied upon to implement this plan.

<i>Review Criteria</i>	<i>Score</i>	<i>Pages/Section</i>	<i>Comments</i>	<i>Recommendations</i>
Technical and financial assistance needed to implement management measures are identified	1 2 3 4 5			
Actual or potential sources and authorities needing technical assistance are identified	1 2 3 4 5			
Cost estimates for implementation, operation, and maintenance of each management measure are identified	1 2 3 4 5			
All potential federal, tribal, state, local, and private funding sources needed to implement management measures are identified	1 2 3 4 5			

Information and Education

An information and education component used to enhance public understanding of the project and encourage their early and continued participation in selecting, designing, and implementing the nonpoint source management measures that will be implemented.

<i>Review Criteria</i>	<i>Score</i>	<i>Pages/Section</i>	<i>Comments</i>	<i>Recommendations</i>
Information and education components used to enhance public understanding are described	1 2 3 4 5			
A strategy for Stakeholder outreach is described	1 2 3 4 5			
Outreach process that identifies and involves relevant stakeholder members	1 2 3 4 5			
Opportunities for increased public awareness through meetings and forums	1 2 3 4 5			
Distribution of educational/outreach materials	1 2 3 4 5			

Schedule

Schedule for implementing the nonpoint source management measures identified in this plan that is reasonably expeditious.

<i>Review Criteria</i>	<i>Score</i>	<i>Pages/Section</i>	<i>Comments</i>	<i>Recommendations</i>
A schedule including specific dates and expected accomplishments for development and implementation of management measures is present	1 2 3 4 5			
The schedule or timeline follows a logical sequence	1 2 3 4 5			
The schedule or timeline lists short-term and long-term milestones in a reasonable timeframe	1 2 3 4 5			

Milestones

A description of interim measurable milestones for determining whether nonpoint source management measures or other control actions are being implemented.

<i>Review Criteria</i>	<i>Score</i>	<i>Pages/Section</i>	<i>Comments</i>	<i>Recommendations</i>
Interim milestones with expected completion dates of management measures are identified	1 2 3 4 5			
A logical sequence of dates for interim milestones is listed	1 2 3 4 5			

Criteria

A set of criteria that can be used to determine whether loading reductions are being achieved over time and substantial progress is being made toward attaining water quality standards.

<i>Review Criteria</i>	<i>Score</i>	<i>Pages/Section</i>	<i>Comments</i>	<i>Recommendations</i>
Criteria are established to determine if water quality goals are being achieved or need revision	1 2 3 4 5			
Criteria effectively measure progress toward attainment of water quality-based goals.	1 2 3 4 5			
Criteria includes numeric or narrative water quality criteria, instream physical habitat assessment criteria, or other criteria linked to causes or sources of pollution	1 2 3 4 5			
Interim water quality indicator milestones are clearly identified	1 2 3 4 5			

Monitoring

A monitoring component to evaluate the effectiveness of the implementation efforts over time, measured against the criteria established under the previously scored section immediately above.

Review Criteria	Score	Pages/Section	Comments	Recommendations
Indicators or parameters being monitored should relate to the management measures being implemented	1 2 3 4 5			
Locations within subwatersheds where monitoring activities are to take place are identified and justified	1 2 3 4 5			
Water quality monitoring activities are identified (schedule, organization performing monitoring duties, monitoring methodology)	1 2 3 4 5			
The incorporation of existing monitoring networks with the WRAPS evaluation is identified	1 2 3 4 5			
Identification of additional monitoring needs is listed	1 2 3 4 5			
Details describing data management and dissemination are described	1 2 3 4 5			
Information describing how monitoring results will drive management measure implementation is noted	1 2 3 4 5			
Description of how monitoring and evaluation results will be incorporated into the watershed planning process for the next iteration of plan revision and implementation strategy is noted	1 2 3 4 5			