

Kansas Group Discussion

June 19, 2008

Brainstorming:

How do we evaluate a watershed for success?

What we need to do, how many projects have we applied?

Stages of Evaluations: Short Term, Mid-Term and Long Term Evaluations

- Short Term - development of a successful plan with the cooperation of stakeholders with in a shorter time frame. Agree on a set of goals.
- Mid-Term - Implementation of practices applied where you targeted
- Long Term – Impacts made at the end of project, success in achieving goals that were set and the improvement that has made to water quality.

KDHE – assessment phases in WRAPS paradigm: evaluating, planning, development and implementation

WRAPS – how can we evaluate and what does it take to evaluate each stage completely?

How do we see if we have actually made improvement to WQ?

1. Actually test water quality – then you have time frame (10-20 years)
- 2..Modeling (simple regression line to SWAT)– given these practices where is water quality going to be in the future

Need to involve agency people in watershed meetings.

WRAPS plans are not watershed plans. We want the watershed plan, need to meet all 9 Elements Plan (EPA). WRAPs is the first step to achieving a watershed plan.

Region 7 does not have many successful watershed plans, need to see a model watershed plan. Watershed stakeholder groups need to develop their own plan to take ownership but need to be told to include the 9 elements.

Needs: Get all the data from the agencies – what practices are in each field, data on cost share programs and volunteer practices implementation, including tillage practices, CAFOs, base-line data for practices and water quality parameters.

Kansas Goal:

Target those participating in inappropriate behaviors in vulnerable sites and improve water quality.

Kansas Plan:

Need to capture all the data, all the practices that were installed in the watershed. Need to capture if BMP is beneficial or if it has exceeded its life.

Plan to acquire data sources:

Phase 1

1. Interact with statewide work group.
2. Engage State FSA, State Conservation Commission,
3. Surveys if necessary

Phase 2

What do we do with data.?

Short term – modeling

Long term - monitoring