

Smoky Hill-Saline Regional Advisory Committee  
Goals & Actions Plan  
Draft Revisions

**Revised Goal #1:** Increase available water supply, water supply storage, and interconnectivity among public water supplies within the Smoky Hill – Saline Planning Region to ensure the water supplies available exceeds demand by at least 10% by the year 2060.

**Action steps:**

- Support agencies in evaluating the possibility of a permanent conservation pool rise at Kanopolis Reservoir.
- Evaluate Kanopolis Reservoir to determine the feasibility of dredging and initiate project if deemed viable.
- Determine if there is a need for additional water supply reservoirs within region.
- Explore control of Phreatophyte, “deep rooted plants”, control within riparian areas.
- Explore the possibility of direct potable reuse.
- Support agencies in developing and implementing a Certified Irrigator Program.

**Revised Goal #2:** Support a statewide conservation education program/model which is applicable to all public water supplies which quantifies water conservation efforts on customer usage.

**Action Steps:**

- Develop a youth-based water conservation education program which is tied to school curriculum.
- Provide producers with tools and resources needed to make informed management decisions which improve water use efficiency.
- Educate all Planning Region stakeholders on the benefits of water conservation, thus working towards sustainable use of the region’s water surface and groundwater resources.
- Work with groups of interest to ensure Smoky Hill-Saline Planning Region stakeholders are educated on the benefits of water conservation.

**Revised Goal #3:** Reduce sediment and total suspended solids (TSS) concentrations within the lakes and streams within the Smoky Hill – Saline Planning Region.

**Action Steps:**

- Method of attaining goal can include the continued support of best management practice (BMP) implementation for practices which reduce sediment runoff.
- Focus BMP implementation within priority areas identified in the Big Creek Middle Smoky Hill River Watersheds 9 Element Watershed Protection Plan.

- Complete by 2034 - Final year of 9 Element Watershed Protection Plan is 2034. Provide a reduction of 26% TSS concentrations on the Smoky Hill River at Ellsworth as noted within the 9 Element Watershed Protection Plan.
- Remove sediment-impaired waters from the KDHE TMDL list.
- Continued support of locally led and driven efforts, such as the WRAPS program and projects within the region, within watersheds and the BMPs noted for implementation within the 9 Element Watershed Plans.
- Continue to support NRCS programs/initiatives such as RCPP, EQIP, easement programs, WRP, CSTP, etc., which can be utilized to implement sediment-reducing BMPs as well as improve soil health. Identify sources of sediment contributing to TSS/sediment in water bodies (i.e. streambank assessments, etc.).
- Continue to support KDA-DOC programs/initiatives such as the nonpoint source program, watershed program, water resource conservation program and the funding provided to DOC through the State Water Plan fund.
- BMP implementation above water supply waters to help facilitate settling out of solids before entry into water supply water (i.e. forebays, settling basins). BMP implementation should continue to reduce sedimentation rate of Kanopolis Reservoir as well as other water supply sources.
- Enhance and continue to support information/educational (I&E) efforts focused towards landowners to help reduce sediment runoff on their respective property.
- Include consideration of Wilson Reservoir and the upstream watershed of sediment sources which could impact capacity including bathymetric survey analysis to help quantify current capacity of lake.
- Evaluate sediment and nutrient loading originating from watershed above Herington Reservoir which could impact its viability as a public water supply source. Utilize the June 2008 bathymetric surveys on Herington Reservoir and Herington City Lake as baseline characterization of current capacity lost in lakes due to sedimentation.

**Revised Goal #4:** Increase public water supply water use efficiency for suppliers within the region.

**Action Steps:**

- Method of attaining goal can include the promotion of development of new or updated water conservation program plans for public water supplies within the Smoky Hill – Saline Planning Region
- Implementation of conservation measures which lead to all public water supplies in the Smoky Hill – Saline Planning Region operating in the bottom 1/3rd of Gallons per Capita Per Day (GPCD) when compared to other public water supplies within respective Regions used for GPCD comparison.
- Complete by 2025. The results of the efforts will be obtaining the same or increased outputs within participating municipalities while utilizing the same or less amounts of water.
- All public water supplies follow the 2007 Kansas Municipal Water Guidelines and have a recently updated conservation plan.
- Public water supplies evaluate the feasibility of water conservation rates.

- Public water supplies develop and promote rebate programs geared towards water conservation efforts for water customers.
- Develop a “tool box” of educational information PWSs could utilize to pass information along to customers.
- Work through the framework of existing statewide education efforts to develop region-wide outreach campaign promoting water conservation efforts.
- Report GPCD values on an annual basis at RAC meetings
- Develop an independent technical task force to help large water users within public water supply systems to improve water use efficiency.
- Hold annual public water supply “field days” to share current water conservation efforts. Making sure media is involved with promotion of these events.

DRAFT