

Priority Goal #1: Increase water storage capacity and availability in federal reservoirs. By 2020, purchase all available storage in federal reservoirs to secure an adequate water supply for the region. By 2025, evaluate the ability to raise the conservation pool in each federal reservoir.

Action Steps

- ❖ Increase water storage capacity and availability in federal reservoirs. By 2020, purchase all available storage in federal reservoirs to secure an adequate water supply for the region.
 - ◇ The Kansas Water Office should conduct an analysis of the impacts of the draw downs at Milford, Tuttle Creek and Perry reservoirs due to Missouri River navigation support. The results of this study will inform the decision as to whether or not to accelerate the purchase of the remaining storage at the aforementioned reservoirs.
 - ◇ Working with Kansas River Water Assurance District, KDHE, KDWPT and other stakeholders, determine the amount of storage necessary within Milford and Perry reservoirs to meet instream purposes through controlled releases.
 - ◇ Complete necessary background work to support a request to reallocate storage from water supply to water quality in Milford and Perry reservoirs.
 - ◇ Determine amount of additional annual costs for calling into service the remaining water supply storage not needed to meet instream purposes and request full funding. When funding is secured, call into service storage not to be included within reallocation request.
 - ◇ Request reallocation of remaining storage from water supply to water quality.
- ❖ By 2025, evaluate the ability to raise the conservation pool in each federal reservoir.
 - ◇ Using existing modeling, determine amount of additional yield that can be gained in each reservoir by permanently raising the conservation pool by 1, 2 and 3 feet.
 - ◇ Working with Kansas River Water Assurance District, KDHE, KDWPT, KDA-DWR and other stakeholders, begin NEPA evaluation of impacts and benefits at the reservoirs with increased pool level
 - ◇ Work with the U.S. Army Corps of Engineers (USACE) to determine updated costs of reallocation and purchase of storage.
 - ◇ Secure federal funding for reallocation study.
 - ◇ Where feasible and appropriate based on cost and impact evaluation, request the USACE reallocate storage from flood control to water supply storage.
- ❖ The Kansas Water Office shall gather data to determine steps to maintain consistent storage levels at specific reservoirs. As a long term goal, KWO should incorporate existing studies and information to study the possibility of future dredging and other measures by the State of Kansas on a more consistent basis to maintain storage.
- ❖ As articulated in the “*Basin Restoration Approach: Kansas Lower Republican*,” the Kansas RAC directs the KWO to improve coordination with the USACE on reservoir releases, management plans, and future actions to address water quality and quantity issues.