

Republican River Basin-wide Plan
First Draft of Goals/Objectives/Action Items
Based on Stakeholder Exercises plus NRD and NDNR Input
December 15, 2015

GOAL #1:

Use innovative management strategies to best manage surface water and groundwater resources while decreasing conflicts between water users and minimizing the burden of compact compliance.

OBJECTIVE 1.1:

Set up systems, where feasible, for inter-basin transfers in times of excess water flows

ACTIONS:

- 1.1.1 Conduct feasibility studies for inter-basin transfers (short-term)
- 1.1.2 Apply for the permits necessary to carry out inter-basin transfers (short to mid-term)
- 1.1.3 Establish new or utilize existing infrastructure for inter-basin transfers (mid-term)
- 1.1.4 Implement inter-basin transfers when/where feasible (mid, long-term)

OBJECTIVE 1.2:

Increase effective use of best management practices (BMPs)

ACTIONS

- 1.2.1 Identify locations and types of BMPs that are already in place (short-term)
- 1.2.2 Determine the location and types of BMPs that are most effective/feasible in the context of Republican River Basin goals (short, mid-term)
- 1.2.3 Implement cost share programs for BMPs (mid, long term)

1.2.4 Monitor effectiveness of BMPs in terms of maintaining or improving a fully appropriated status (long term)

OBJECTIVE 1.3:

Implement incentive programs where feasible

ACTIONS:

- 1.3.1 Examine effectiveness of various incentive programs and implement where feasible (short, mid-term)
- 1.3.2 Monitor effectiveness of incentive programs (long-term)

OBJECTIVE 1.4:

Improve forecasting methods to better be able to predict water availability for business planning

ACTIONS:

- 1.4.1 Monitor effectiveness of forecasting system(s) in minimizing water use conflicts (mid, long-term)

Legend:

Black text: NDNR and NRD Input
Blue text: Concepts from Stakeholder exercises

GOAL #2:

Better understand interconnected water sustainability and economic viability in the Republican River Basin.

OBJECTIVE 2.1: Track baseline measures of sustainability and economic viability

ACTIONS:

2.1.1 Evaluate measures needed to maximize a tax base necessary to support schools, public services (mid, long term)

OBJECTIVE 2.2: Continue to implement an adaptive management approach in monitoring, planning, and regulation of integrated water resources.

ACTIONS:

2.2.1 Monitor stream flows and aquifer levels to evaluate effectiveness of regulatory measures (mid, long term)

2.2.2 Evaluate effectiveness of water supply re-timing strategies (short, mid-term)

GOAL #3:

Share Republican River Basin water resources data/information and inform the public through education programs.

OBJECTIVE 3.1: Develop and/or expand education and outreach programs for a diverse audience.

3.1.1 Educate legislators on Republican Basin initiatives from NRDs, etc. (short, mid-term)

3.1.2 Develop/expand Best Management Practices education programs for producers.

3.1.3 Develop/expand education programs geared towards youth.

Legend:

Black text: NDNR and NRD Input

Blue text: Concepts from Stakeholder exercises