

Review and Selection of Proposed Progress Metrics





Progress Metrics are benchmarks used to monitor the success or failure of selected actions taken by an RBC

Suggested Progress Metrics in the Planning Framework:

- Relative water demands are met across sectors accounting for growth over the planning horizon (“Sector” is defined broadly, includes instream health and recreational users).
- Final River Basin Plan has strong support from the RBC, PPAC, SCDNR, elected officials, and the public.
- Drought and interbasin conflicts are identified early by quantitative means and should be resolved without resorting to litigation.
- Monitoring of source water integrity (percent of upstream watershed extent contributing beneficially to raw water supply).

RBC member–suggested metrics:

- Securing funding
- Success of implementing recommended water conservation strategies.

Proposed Progress Metrics for RBC Consideration

Developed based on Six Implementation Plan Objectives:

1. Reduce demand to conserve water resources
 - **Metric 1a: Municipal and agricultural water conservation and efficiency strategies are considered, evaluated and implemented. On the municipal side, a 5-year reduction in per capita demand is realized. [Note: also consider increase in rate payer cost]**
 - **Metric 1b: Funding opportunities are identified and used to implement strategies.**
2. Conserve surface water during low-flow conditions
 - **Metric 2a: The low-flow strategy is effectively implemented when triggered**
3. Augment sources of supply
 - **Metric 3a: Supply augmentation strategies are implemented**
 - **Metric 3b: Funding opportunities are identified and successfully used to implement supply augmentation strategies**

Proposed Progress Metrics for RBC Consideration

Developed based on Six Implementation Plan Objectives:

4. Protect groundwater supplies and existing users
 - **Metric 4a: Monitoring wells in the Calhoun County groundwater area of concern are identified or constructed**

5. Improve technical understanding of water resource management issues
 - **Metric 5a: Research into land use impacts on recharge is completed**
 - **Metric 5b: Regional groundwater model of area of concern developed (if needed)**
 - **Metric 5c: Research into impacts of seasonal drawdown below the top of an aquifer is completed**

Proposed Progress Metrics for RBC Consideration

Developed based on Six Implementation Plan Objectives:

6. Effectively communicate RBC findings and recommendations
 - **Metric 6a: The public develops a better understanding of the Edisto River Basin resources, challenges, and opportunities. Myths and falsehoods are eliminated and sound science is accepted. [Note: check on ability to track DNR Edisto Planning website visits and set a specific metric, if possible]**
 - **Metric 6b: Outreach is effective, prompting Legislative actions, decisions and funding that support implementation strategies and actions**

Draft Proposed Progress Metrics

General progress metrics:

7. Acceptance

- **Metric 7a: The Final River Basin Plan receives strong support/endorsement from the RBC**
- **Metric 7b: The Final River Basin Plan is supported and endorsed by the PPAC, SCDNR, elected officials, and the public**

8. Participation and RBC Continuation

- **Metric 8a: New RBC members are identified to replace members transitioning off, maintaining broad interest-group representation**
- **Metric 8b: The RBC continues to meet, per the implementation plan schedule, and receives funding when needed**