



Finalizing Plan Recommendations

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Agenda Item 5

Policy, Legislative, and Regulatory Recommendations to be Further Discussed



The Surface Water Withdrawal, Permitting, Use and Reporting Act (SC Code Sections 49-4-10 and the R. 61-119) should be amended to require all surface water withdrawals (existing, new, and registrants) over 3,000,000 gallons a month to be subject to permit requirements and review.



Review periods for groundwater and surface water permit renewal should be re-evaluated, to facilitate long-term planning efforts, support bond issuance, protect withdrawers' investment in infrastructure, and protect the biological, physical and chemical integrity. Existing regulations should be amended to align users' renewal periods and permit requirements for surface water and groundwater withdrawals as much as reasonably possible. Review periods of 10 to 20 years were discussed, but consensus was not achieved.

Policy, Legislative, and Regulatory Recommendations to be Further Discussed









Minimum instream flows (MIF) and minimum water levels (MWL) should be based on median statistics in recognition that median statistics more accurately characterize typical water availability, since most stream flows are non-normally distributed.

Technical and Program Recommendations

Technical and program recommendations may include, but are not limited to:

- Need for more data (such as stream gages or monitoring wells)
- Model improvement (accuracy or functionality)
- Need for additional models to address specific issues
- Improved water use data, population data or estimates, water demand estimates, land use data, etc.
- Recommendations for technical studies to improve knowledge of specific issues
- Need for additional technical training for the RBC members
- Improved instream flow requirement information

Technical Recommendations

-  Incorporate future climate projections into modeling analyses. As part of this effort, estimate the impact of increasing temperatures on evaporation and evaluate the potential impacts of increased evaporation on Lakes Marion and Moultrie.
-  The RBC endeavors to learn more about the Pinewood site including the regulation, consent orders, controls, and monitoring in place.
-  Future RBC planning efforts should address water quality.
-  Support continued efforts to maintain USGS streamflow gages.
-  Work on the groundwater model developed by the USGS should be continued/completed.
-  Support for SCDES and USGS monitoring of groundwater levels.

Technical Recommendations (continued...)



Study the impacts of land use changes on the supply of and demand for water resources.



SCDES performs studies and analyses in support of a recycled water statute in SC.