



South Carolina Water Efficiency Efforts

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SC State Primary Drinking Water Regulation

Leak Detection and Repair

R61-58.7(E)

All community water systems shall initiate and carry out a program aimed at detecting leaks in the distribution system. At a minimum, a leak detection program shall include a comparison of water produced to water sold or used for other purposes. Any leaks found through this program or any leaks discovered through other means shall be repaired promptly.

Records shall be kept of the leaks detected and the repairs made.



South Carolina Energy Efficiency Act - 48-52-10

Article 12 – State Government Energy Efficiency and Renewable Energy Goals

SECTION 48-52-910. Implementation of conservation measures by agencies; audit; reports.

(A) Each agency must consider reductions of its energy, water, and wastewater use, and must implement recommended conservation measures to the degree the agency determines that the measures are cost effective. An audit must be performed by internal or external auditors, or by an energy services company in the manner provided in Section 48-52-670. Audit results and recommendations must be included in the report to the State Energy Office.

(B) Each agency had to comply with this section by July 1, 2011.

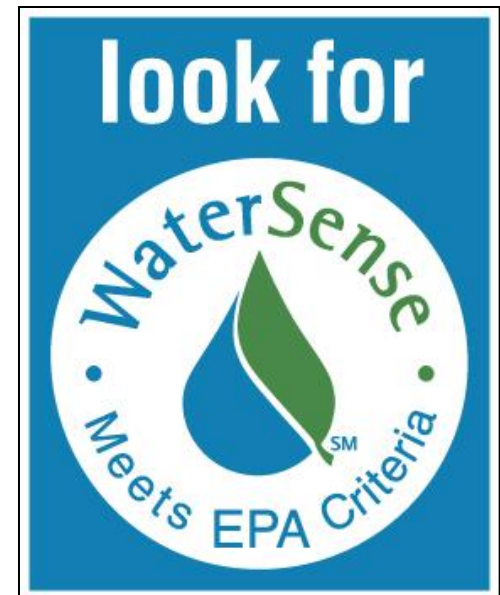




Are you for water?

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- Bathroom Sink Faucets
- Toilets
- Showerheads
- Flushing Urinals
- Landscape Irrigation Services
- New Homes
- Irrigation Control Technologies





SC WaterSense Water Utility Partners



- Beaufort-Jasper Water & Sewer Authority
- Blue Ridge Rural Water Company
- Charleston Water System
- City of Rock Hill Utilities Department
- Grand Strand Water & Sewer Authority
- Greer Commission of Public Works
- Hilton Head Public Service District (PSD)
- Kiawah Island Utility, Inc.
- Mount Pleasant Water Works
- Orangeburg Department of Public Utilities
- Powdersville Water District
- SJWD Water District
- Spartanburg Water





SC WaterSense Focus Group Report



To Learn Homeowner:

- Attitudes about water efficiency
- Behaviors on water efficiency
- Attitudes concerning WaterSense products

- Behaviors concerning WS products
- Knowledge of home irrigation efficiency
- Behaviors related to home irrigation efficiency
- Use of smart irrigation technologies



Report findings can be used to guide outreach program planning and activities.



www.scdhec.gov/environment/water/docs/ws_report.pdf

SC State Revolving Fund

Green Project Reserve

At least 20% of capitalization grants should be used for projects that include:

- Green infrastructure
- ***Water or energy efficiency improvements***
- Other environmentally innovative activities

Examples

Water Reclamation system projects

(Dorchester County Water and Sewer)

Water meter installation for small, acquired systems

(Clarendon County)

Installation of “smart” meters

(Calhoun Falls)



Regional Water Quality Management Plans

Appalachian Council of Governments 6.15 Water Supply and Conservation

“Local governments shall be encouraged to promote the Energy Star and WaterSense programs and should only purchase appliances and products that bear the seal of these programs...”

“The providers of water and wastewater treatment services, along with local governments ... should develop and implement programs to educate the communities they serve concerning water conservation practices.... “

“Watering landscaping and washing cars (at residences) during the months of April through October shall be limited to early morning hours (prior to 9:00 am) and late evening hours (after 7:00 pm).”

Encourages xeriscaping, planting vegetation native to South Carolina and the use of rain barrels.

