



South Carolina
Rural Infrastructure Authority
Creating water solutions.
Improving communities statewide.

Water and Wastewater Infrastructure Needs

Senate Finance Committee
American Rescue Plan Act Subcommittee

August 26, 2021



COSTS OF AGING INFRASTRUCTURE


- Contaminated drinking water
- Environmental impacts
- Disruptions in service
- Expensive repairs

40% of utilities struggle to cover costs





ESTIMATING 5-YEAR CAPITAL INVESTMENT NEEDS



EPA Needs Surveys

\$1.9B

*Based on 20-year estimates
adjusted to 2021 dollars*

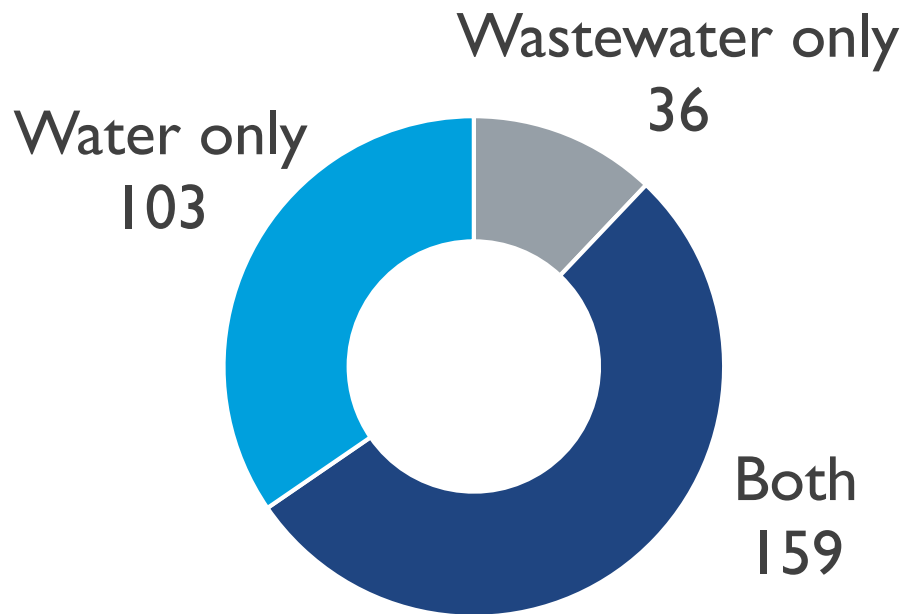
RIA Survey of Systems

\$1.8B

for 20% of utilities

WATER & WASTEWATER UTILITIES IN SC

298 utilities



Utility Size	Number of Utilities	% of Population Served
Very small <i>Up to 3,300 people served</i>	125	3.37%
Small <i>3,301-10,000 people served</i>	82	9.27%
Medium <i>10,001-50,000 people served</i>	71	31.55%
Large <i>Over 50,000 people served</i>	19	55.82%

SMALL & RURAL UTILITY CHALLENGES

- Smaller customer base
- Higher costs per customer
- Distressed local economies
- Slow population growth and low population density

Higher rates and weaker financial health
on average



FUNDING RECOMMENDATION

\$400M

- Competitive application process
- Local investment
- Regional projects
- Smallest systems





\$711M

Grants and Loans
FY17-FY21

CITY OF ABBEVILLE

Wastewater project

TYPE OF IMPROVEMENTS

Wastewater treatment plant upgrade

RIA GRANT AMOUNT

\$712,000

TOTAL PROJECT COST

\$4 million

OTHER FUNDING SOURCES

- State Revolving Fund (DHEC/RIA program)
- U.S. Economic Development Administration



CITY OF LANCASTER

Wastewater project

TYPE OF IMPROVEMENTS

Sewer line and pump station upgrades

RIA GRANT AMOUNT

\$1.1 million

TOTAL PROJECT COST

\$2.2 million

OTHER FUNDING SOURCES

- State Revolving Fund (DHEC/RIA program)
- Community Development Block Grant



TOWN OF TIMMONSVILLE / CITY OF FLORENCE

Water project

TYPE OF IMPROVEMENTS

Comprehensive system upgrades

RIA GRANT AMOUNT

\$605,000 (two grants)

TOTAL PROJECT COSTS

\$13.8 million

OTHER FUNDING SOURCES

- State Revolving Fund (DHEC/RIA program)
- Community Development Block Grant
- U.S. Economic Development Administration
- U.S. Department of Agriculture – Rural Development





CITY OF WALHALLA

Water system interconnection

GRANT	TOTAL PROJECT
\$118,400	\$600,000

OTHER FUNDING SOURCES

U.S. Economic Development
Administration



BUCKSPORT WATER COMPANY

Water treatment equipment

GRANT	TOTAL PROJECT
\$350,000	\$726,671

OTHER FUNDING SOURCES

Local



CITY OF WEST COLUMBIA

Sewer line replacement

GRANT	TOTAL PROJECT
\$500,000	\$722,308

OTHER FUNDING SOURCES

Local





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