



#### **BOARD OF COMMISSIONERS**

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#### REWA SERVICE AREA



Dear Valued Community Member, at Renewable Water Resources (ReWa), our goal is to promote a cleaner environment. We protect the public health and water quality of the Upstate waterways, while providing and developing the necessary sewer infrastructure for growth.

For several years, we have focused our organizational strategy on national best practices, as established in the National Association of Clean Water Agencies' (NACWA) Effective Utility Management Primer. In last year's annual report, we were able to share with you the significant strides we have made within the attribute of Product Quality.

This year, we are excited to report to you the progress we made in evolving water quality and how we advanced our technology and operations. Initiatives for evolving water quality are part of our investment in the community. We also want to stress the importance of how our day-to-day actions greatly impact the quality of our waterways. That is why we have focused heavily on our public education and community outreach initiatives. We, at ReWa, want to encourage Upstate residents to learn more about how their home, their neighborhood and their county can greatly impact the health of South Carolina and future generations.

You can learn more about our outreach initiatives, as well as timely news and updates, through our website or quarterly e-newsletter. In this annual community report, we have highlighted our strong financial position, as

> well as award recognitions for the outstanding efforts of our staff. Please feel free to contact us with any feedback or questions; we feel it is important to stay in touch with our community. Visit rewaonline.org or call 864-299-4000. To learn more about our environmental initiatives, visit

ariverremedy.org and befreshwaterfriendly.org.

Thank you for your continued support.

Sincerely.

Ray T. Orvin, Jr. **EXECUTIVE DIRECTOR** 



# **EVOLVING WATER QUALITY**

ReWa's Board of Commissioners assembled a community-wide volunteer collaboration to develop an environmentally sound long-term strategy for ReWa. The collaboration was named the Upstate Roundtable and was tasked with aligning the regional wastewater system capacity and infrastructure with projected growth, while promoting environmental sustainability. Initially convened in 1994 and reconvened in 2008, this strategic planning group brought together over 60 community, governmental and industry leaders to develop a 20-year plan to guide ReWa.

The 1994 Upstate Roundtable Plan identified needs of approximately \$326.5 million for growth in the Reedy, Saluda and Enoree basins. In fiscal year 2013, all projects that were identified in this plan were completed, including the state-of-the-art Piedmont Regional Water Resource Recovery Facility. The 2008 Upstate Roundtable Plan identified \$809.7 million of projects which have been incorporated into ReWa's capital improvements program. For more information about the Upstate Roundtable, visit upstateroundtable.org.

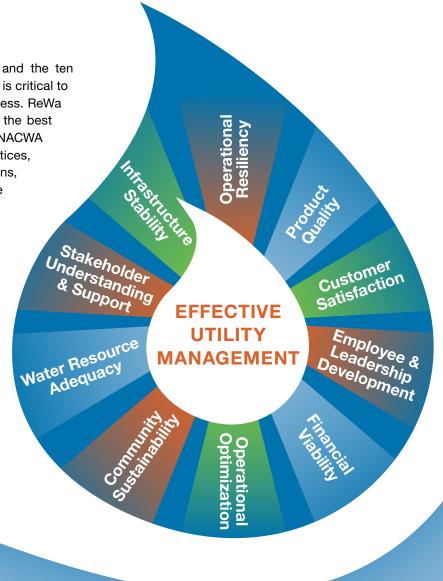


#### **EFFECTIVE UTILITY MANAGEMENT**

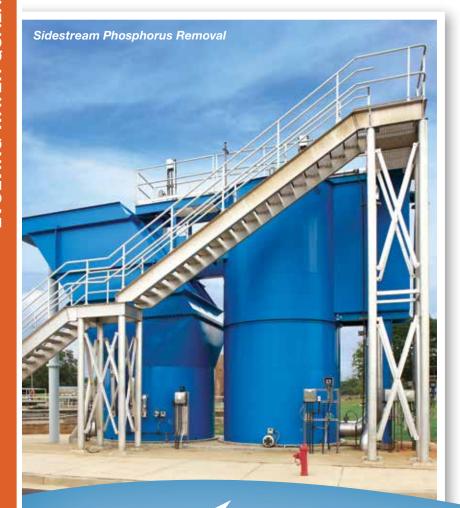
In 2010, ReWa adopted the Effective Utility Management (EUM) Primer and the ten attributes of effectively managed water sector utilities (displayed right). EUM is critical to helping utilities address challenges, improve performance and achieve success. ReWa is committed to excellence in utility management and continues to follow the best practices established by the U.S. Environmental Protection Agency (EPA), NACWA and five other major water and wastewater associations. These best practices, or attributes, comprise a comprehensive framework related to operations, infrastructure, customer satisfaction, community welfare, natural resource stewardship and financial performance. ReWa has adopted these strategies, acknowledging that they play a major role in enhancing the stewardship of our infrastructure, improving our performance in many critical areas and responding to current and future challenges.

To learn more about EUM, visit rewaonline.org/about-us.php.





The completion of the Piedmont Regional Water Resource Recovery Facility allows us to provide a higher level of wastewater treatment by utilizing membrane bioreactor technology. The facility was featured in *American City & County* and won the award of merit in the water/environmental category from the Engineering National Review Southeast.



#### WATERSHED IMPROVEMENT PLAN

The Clean Water Act of 1972 employs a variety of regulatory and non-regulatory tools that are designed to restore and maintain the chemical, physical and biological integrity of the nation's waters. ReWa is voluntarily applying EPA's 5R approach with the goal of improving water quality. The 5R approach is a collaborative effort that provides flexibility on how organizations apply their resources to achieve water quality standards. ReWa has partnered with the City of Greenville and Greenville County to share the nutrient loads that are discharged into our local rivers. ReWa is also working with the South Carolina Department of Health and Environmental Control (SCDHEC) and EPA to further develop the 5R approach to ensure water quality improvement.

To learn more about EPA's 5R approach, visit rewaonline.org/how-can-i-help.php.



784
Million
Gallons
of I&I
Removed\*

\*comparable rain events

One of ReWa's ongoing operational improvements is the Inflow & Infiltration (I&I) Reduction Program. Excess rain or ground water entering the sewer system can double or even triple the volume of water our facilities normally receive. In partnership with local subdistricts, the program removed 784 million gallons more I&I from our systems in 2012 than in previous years with comparable rainfall.

#### WATER REUSE MASTER PLAN

**Biosolids** 

**Land Application** 

ReWa has developed a reclaimed water master plan for irrigation, industrial and agricultural uses of its highly treated effluent. To educate the community about the benefits of water reuse, one of ReWa's future capital projects includes an educational campus which will serve as a space that schools and other local community groups can utilize to learn more about ReWa's environmental initiatives. The new campus will include a water feature, virtual tours of ReWa's treatment facilities, as well as educational demonstrations.







ReWa continues to maintain its Platinum
Level Certification, the highest level achievable, through the National Biosolids Partnership for its Environmental Management System for Biosolds program. Biosolids are the organic matter reclaimed through our wastewater treatment process used as agricultural fertilizer.

Find out more at rewaonline.org/ biosolidsprogram.php

#### PCB Information

Recently, several water resource recovery facilities in the Upstate of South Carolina have been affected by illegal dumping of PCBs (polychlorinated biphenyls). PCBs are chemicals that were used as coolants and lubricants in transformers, capacitors and other technical equipment and were banned from production by Congress in 1979. If you have any knowledge or suspect anyone of illegally disposing of hazardous materials, such as PCBs, arsenic, cyanide, pesticides, herbicides or metals, please contact Crime Stoppers at 1-864-23-CRIME or ReWa at 864-299-4000.

# FINANCIALS

ReWa's financial position continues to be strong as demonstrated by the increase in net position and sound bond ratings. Through long-term planning, such as the Upstate Roundtable, and our commitment to continual improvement, ReWa has been able to remain in good financial health while increasing capacity and improving water quality.

During fiscal year 2013, ReWa's overall financial position improved as net position grew 3.2%. Net position can be calculated by taking our total assets (what we own) plus deferred outflows of resources (resources used

which are applicable to a future period) minus our liabilities (what we owe) and deferred inflows of resources (resources received which are applicable to a future period), with the difference reported as net position.

In fiscal year 2013, net position increased approximately \$9.0 million to \$289.1 million. Total revenues equaled \$74.9 million; decreases in consumption led to a slight decrease in domestic and commercial revenue, despite an approximate 4.0% rate increase and 2.6% customer growth. Total expenses increased \$2.9 million or 4.6% primarily due to an increase of \$2.0 million in depreciation.

Net Position increased approximately \$9.0 Million

**Depreciation** 

is the decrease in value of an asset over time

Reedy River at Falls Park

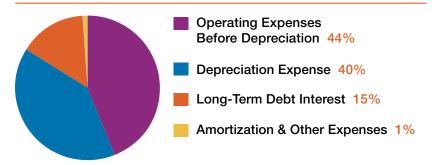
#### **2013 TOTAL REVENUES**

\$74,959,900



#### **2013 TOTAL EXPENSES**

\$65,953,431



#### **DEBT COVERAGE**



Total Revenues – Total Operating Expenses

**Annual Debt Service** 

#### **FINANCIAL REPORTING AWARDS**

ReWa was presented with two prestigious financial awards from the Government Finance Officers Association (GFOA) in 2013.

The GFOA presented the Outstanding Achievement in Popular Annual Financial Reporting Award to ReWa for its Popular Annual Financial Report (PAFR) for the fiscal year ended June 30, 2012. The Award for Outstanding Achievement in Popular Annual Financial Reporting is a prestigious national award recognizing conformance with the highest standards for preparation of state and local government popular reports. In order to receive this honor, a government unit must publish a PAFR, whose contents conform to program standards of creativity, presentation. understandability

Government Finance Officers Association Award for Outstanding Achievement in Popular Annual Financial Reporting Presented to Renewable Water Resources South Carolina For its Annual Financial Report for the Fiscal Year Ended June 30, 2012

reader appeal. ReWa has received this honor for the last 15 consecutive years. The award is valid for a period of one year only. We believe our current report continues to conform to the Popular Annual Financial Reporting requirements, and we are submitting it to the GFOA.

ReWa also received the Certificate of Achievement for Excellence in Financial Reporting for its Comprehensive Annual Financial Report (CAFR) for the fiscal year ended June 30, 2012. This is the 20th consecutive year that ReWa has achieved this impressive award. Receipt of this award represents the highest form of recognition in the area of governmental accounting and financial reporting.

#### REPORT DISCLOSURE

The abbreviated Statements of Financial Position presented in this report provide an overview of ReWa's financial health as of June 30, 2013 and 2012. It illustrates the relationship between ReWa's assets, plus deferred outflows of resources, minus liabilities and deferred inflows of resources, with the difference representing net position. Monitoring net position is another way to assess ReWa's Financial Viability (one of the ten attributes identified in the EUM Primer); other indicators include debt coverage and bond ratings.

The CAFR is prepared in accordance with Generally Accepted Accounting Principles and consists of audited financial statements, notes and required supplementary information. In addition, the statistical section of the CAFR offers ten-year trend data on the following subjects: financial, revenue capacity, debt capacity, demographic and economic information and operating information. This report is intended to enhance the understandability of the CAFR and is not regarded as a replacement.

The CAFR is available on our website rewaonline.org, by contacting our Accounting Department by mail at 561 Mauldin Road, Greenville, SC 29607 or by phone at 864-299-4036. As you review this report, please feel free to share any questions or comments with us.

Sincerely,

Patricia R Dennis

Patricia R. Dennis CONTROLLER



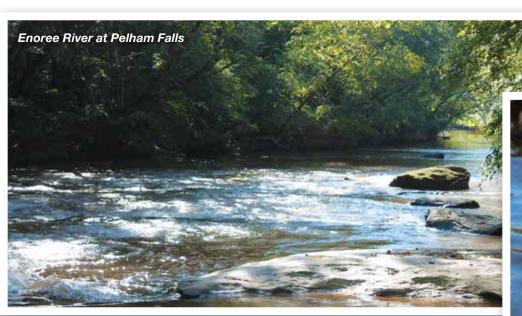
### **TOTAL REVENUE AND EXPENSE FIVE-YEAR TREND** REVENUE **EXPENSE** \$74,959,900 2013 2013 \$65,953,431 \$74,954,485 2012 2012 \$63,020,630 2011 \$70,235,633 \$62,607,789 2011 2010 \$65,438,652 2010 \$62,557,267 2009 \$66,108,155 2009 \$62,278,202

BOND RATINGS	SENIOR LIEN DEBT	JUNIOR LIEN DEBT
STANDARD & POOR'S RATINGS SERVICES	AA	AA
MOODY'S INVESTORS SERVICE	Aa3	Aa2

To learn more about ReWa's bond ratings, visit us at rewaonline.org/about-us.php.

## ABBREVIATED STATEMENTS OF NET POSITION June 30,

	2013	2012	2011	2010	2009
TOTAL ASSETS	\$578,760,203	\$596,170,447	\$596,465,874	\$587,940,157	\$597,017,935
TOTAL LIABILITIES	\$289,700,553	\$316,117,266	\$328,956,841	\$328,058,968	\$340,018,131
TOTAL NET POSITION	\$289,059,650	\$280,053,181	\$267,509,033	\$259,881,189	\$256,999,804







Pet waste is not something people typically think of as pollution, but unscooped waste can be washed into our rivers, lakes and streams. Pet waste contains Nitrogen, Phosphorus, parasites and fecal bacteria which can pollute our

#### YARD SAVVY

#### **Green Your Grass, Not Your Lakes**

Most lawn fertilizers contain Nitrogen and Phosphorus as major ingredients to enhance lawn growth and color. Excess amounts of these nutrients can enter our waterways through runoff and negatively impact aquatic life. When maintaining your lawn and garden, start by testing the soil. You may find you don't need additional nutrients found in fertilizer.

#### **LABEL WISE**

#### It's All About the Fine Print

Many common household products like paints, pesticides and personal care products contain Nitrogen and Phosphorus. These chemicals can be harmful to



the environment if not disposed of properly. In fact, the State of South Carolina recently reduced the amount of phosphates allowable in household cleaners and detergents. You can help protect our state by reducing the amount of cleaning products used each time and by properly disposing of any excess.

#### **SEPTIC SMARTS**

#### **Maintain & Sustain**

Septic tanks need to be regularly inspected and pumped to minimize the chance of failure. When septic tanks fail, contents can be a major source of pollution to the environment. Make sure to have your system inspected annually and have it pumped out every 3-5 years.

#### **CURB CONTROL**

#### **Rule Your Runoff**

When you wash your car at home, your driveway becomes a flowing source of soap, scum and oily grit. Carwash runoff can contain chemicals and phosphates, as well as numerous other pollutants originating from the soap scum and oils washed from the car body. Wash your car on a grassy or gravel area and the ground will filter the water naturally and reduce runoff. Remember, storm drains are unfiltered and flow directly into our streams.





Holding onto medications opens up the potential for them to find their way into the wrong hands, and disposing of medications by flushing can disrupt the balance in our local waterways. Project Rx: A River Remedy is a medication take-back event held by ReWa and several community partner organizations which offers the Upstate community a free and safe way to properly dispose of their prescription and over-the-counter medications.

Project Rx holds two major take-back events each year; one in the spring and one in the fall at various locations throughout the Upstate. At the event, you can drop off medication to be properly disposed of by law enforcement. The events are typically held in conjunction with the US Drug Enforcement Administration's National Drug Take-Back Day and are for households only.



2013 ANNUAL REPORT TO THE COMMUNITY

#### **ORGANIZATIONAL AWARDS**

- NACWA's 2012 Peak Performance Awards - all facilities
- Water Environment Association of SC's (WEASC) Excellence in Collection System Operations Award
- SC Chamber of Commerce's Safety Awards - 13 facilities and departments
- SCDHEC's Facility Excellence Awards – 5 facilities

#### INDIVIDUAL **AWARDS**

- Ralph Hendricks Former Commissioner -Order of the Silver Crescent
- Bryan Kohart, P.E. Senior Environmental Engineer - WEASC's Engineer of the Year Award
- Cain Massey Facility Operator - 1st place in the fastest cut event at the **Environmental Association** Operations Challenge
- Glen McManus Director of Operations -Water Environment Federation's (WEF) Arthur Sidney Bedell Award and William D. Hatfield Award
- Dargan Evans Facility Operator - WEASC's Wastewater Treatment Plant Operator of the Year Award
- Toby Humphries TV and Cleaning Supervisor -WEASC's Dennis Pittman

#### COMPLIANCE **EXCELLENCY AWARDS**

ReWa proudly recognized 33 industries for demonstrating compliance with our Sewer Use Regulation at the 21st Annual Compliance Excellency Awards presentation.



Visit rewaonline.org to view all of our organizational, community and employee awards.

Collection System Award ReWa welcomes **Danny Holliday** to our Board of **Commissioners** (pictured third from left) ReWa Board of Commissioners ReWa's

**Operations** Challenge Team **Won National** and State **Challenges** 

#### **AWARDS INCLUDE:**

- 1<sup>ST</sup> PLACE in Division 2 at the National Competition held at the Annual WEF **Technical Exhibition and** Conference
- 1ST PLACE in Process and **Maintenance Category and** 2<sup>ND</sup> PLACE overall at the Annual **Virginia Water and Environment Association State Invitational**
- 1<sup>ST</sup> PLACE in the **State Competition** at the South Carolina **Environmental** Conference

#### **COMMUNITY EVENTS**

ReWa participates in a variety of events to educate and improve our community, such as:

- Metropolitan Arts Council Flat Out Under Pressure Art Competition and Recycling Project
- South Carolina's Adopt-A-Highway program
- ReWa's Annual Reedy River Sweep
- Duke Energy's Invention Convention
- Roper Mountain Science Center's TROAD Run

For a complete list, check us out at rewaonline.org.

#### **EMPLOYEE GIVING**

This year, ReWa continued to emphasize the importance of community giving and support within the organization. Through company fundraisers such as the Freshwater Freddie Golf

Tournament, employee luncheons and individual employee giving, ReWa raised nearly \$104,000 as a Pacesetter for United Way of Greenville County with 100% employee participation. ReWa employees also participated in the March for Babies Walk, as well as company events that raised over \$3,000 for the March of Dimes!





### **Educational Tours**

Would you like to tour a ReWa facility? We regularly host facility tours for various age groups to learn about the importance of the wastewater treatment process and how day-to-day actions impact our waterways. Request a tour at rewaonline.org/tours.php.



## Can't Come to Us? We'll Come To You!

In-class presentations are also available for area schools and other organizations. Contact ReWa at 864-299-4000 for more information.

#### LOCAL SUBDISTRICTS

Anderson County Wastewater Management 864-260-4023

Berea Public Service District 864-294-4848

City of Fountain Inn 864-409-3334

**Gantt Fire, Sewer** & Police District 864-277-7301

City of Greenville 864-467-4598

Greer Commission of Public Works 864-848-5500

Laurens County Water & Sewer Commission 864-682-3250

Marietta Water, Fire, Sanitation & Sewer District 864-836-6878 City of Mauldin 864-288-4910

Metropolitan Sewer Subdistrict 864-277-4442

Parker Sewer & Fire Subdistrict 864-467-4030

Town of Pelzer 864-947-6231

Pickens County Public Service Commission 864-898-5851 City of Simpsonville Public Works 864-967-9531

Taylors Fire & Sewer District 864-244-5596

City of Travelers Rest 864-834-7958

Wade Hampton Fire & Sewer District 864-244-0390

Town of West Pelzer 864-947-6297



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Renewable Water Resources 864-299-4000

