We are TRU to our customers!

WATER & SEWER SYSTEM
REGIONALIZATION
We are TRU to our customers!

Great Place. Great People. Great Promise.
TWO RIVERS UTILITIES ENVIRONMENTAL MANAGEMENT SYSTEM

2001
- ISO 14001 Certification

2004
- Biosolids Resource Recovery Farm designated as ESI Rising Steward

2005
- Long Creek Wastewater Treatment Plant attained ESI Steward Designation

2009
- Water Treatment Plant attained ESI Steward Designation

2009
- Crowders Creek Wastewater Treatment Plant attained ESI Steward Designation

Current
- Increasing participation at Resource Recovery Farm & Eagle Road Wastewater Treatment Plant
WATER SYSTEM

- 1 WATER TREATMENT PLANT
- 601 MILES OF WATER LINES
- 2 WATER BOOSTER STATIONS
- 30,400 WATER CUSTOMERS

SEWER SYSTEM

- 3 WASTEWATER TREATMENT PLANTS
- 361 MILES OF SEWER LINES
- 37 PUMP STATIONS
- 27,800 SEWER CUSTOMERS
TYPES OF REGIONALIZATION

- MASTER METER / BULK SALES
- CONTRACT OPERATIONS
- FULL CONSOLIDATION
TWO RIVERS UTILITIES SERVICE AREA

FULL CONSOLIDATION
• CRAMERTON

BULK SALES & CONTRACT OPERATIONS
• MCADENVILLE

BULK CUSTOMERS
• BESSEMER CITY
• RANLO
• LOWELL
• STANLEY
• KINGS MOUNTAIN
• CLOVER, SC

EMERGENCY CONNECTIONS
• DALLAS & BELMONT
## CONSIDERATIONS & BENEFITS

### CONSIDERATIONS
- MUST BE MUTUALLY BENEFICIAL
- DESIRE FOR AUTONOMY
- TRUST
- ENVIRONMENTAL PERFORMANCE
- FISCAL OUTLOOK

### BENEFITS
- REDUCE THE NUMBER OF WATER AND WASTEWATER TREATMENT PLANTS
- REDUCE NEGATIVE ENVIRONMENTAL IMPACTS
- FEWER PERMITTED SYSTEMS
- HELP SMALLER COMMUNITIES REMAIN SOLVENT
- KEEP W&S RATES REASONABLE
WHY IS TWO RIVERS PURSUING REGIONALIZATION?

- TEXTILE HISTORY
- EXCESS WATER AND WASTEWATER PLANT CAPACITY
- REGAIN ECONOMY OF SCALE
- KEEP RATES LOW
- REDUCE ENVIRONMENTAL IMPACTS
CRAMERTON WATER & SEWER CONSOLIDATION

- WATER & SEWER RATE REDUCTION FOR CRAMERTON CUSTOMERS
- GASTONIA GAINED A WASTEWATER TREATMENT PLANT
- ALLOWS SOUTH EAST AREA OF GASTON COUNTY TO GROW
ENVIRONMENTAL BENEFITS IN REDUCING THE NUMBER OF WATER AND WASTEWATER PLANTS
ENVIRONMENTAL BENEFITS OF SEWER CONSOLIDATIONS

• FAILING SYSTEM…?

• CONTRACT OPERATING WASTEWATER PLANT UNTIL SEWER INFRASTRUCTURE IS BUILT

• INCREASED COMPLIANCE WITH NPDES PERMITS

• REDUCED NEGATIVE IMPACTS TO RECEIVING STREAMS
ENVIRONMENTAL GOALS OF SEWER CONSOLIDATIONS

Total Phosphorus Discharge Reduction to South Fork Catawba River

Total Nitrogen Discharge Reduction to South Fork Catawba River
SOUTH FORK SEWER PHASE II PROJECT

- CLOSE TWO AGED WASTEWATER PLANTS
  - PHARR YARNS INDUSTRIAL PLANT
  - TOWN OF MCADENVILLE MUNICIPAL PLANT
- SETS THE STAGE FOR TOWN OF LOWELL WASTEWATER TREATMENT PLANT TO TIE ON
- PROVIDES FOR GROWTH
- IMPROVES ENVIRONMENTAL PERFORMANCE
  - NITROGEN REDUCTION 9,300 LB/YR
  - PHOSPHORUS REDUCTION 1,100 LB/YRR
FUNDING OPPORTUNITIES

• NC DEQ DWI – ASSET & INVENTORY ASSESSMENT GRANTS FOR WATER AND SEWER
  • TWO RIVERS UTILITIES AWARDED $150,000 FOR WATER & $150,000 FOR SEWER
  • TOWN OF MCADENVILLE BEING INCLUDED

• NC DEQ DWI – MERGER / REGIONALIZATION FEASIBILITY GRANTS

• COMMUNITY DEVELOPMENT BLOCK GRANTS

• STATE REVOLVING LOANS

• OTHER…
THANK YOU

STEPHANIE SCHERINGER
DIVISION MANAGER WASTEWATER TREATMENT