

# Water – Conserving a Valuable Resource

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Hendersonville Water and Sewer  
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The background of the slide is a solid blue color. In the lower half, there are several faint, concentric circular ripples that resemble water droplets hitting a surface, scattered across the bottom of the slide.

# North Fork Dam



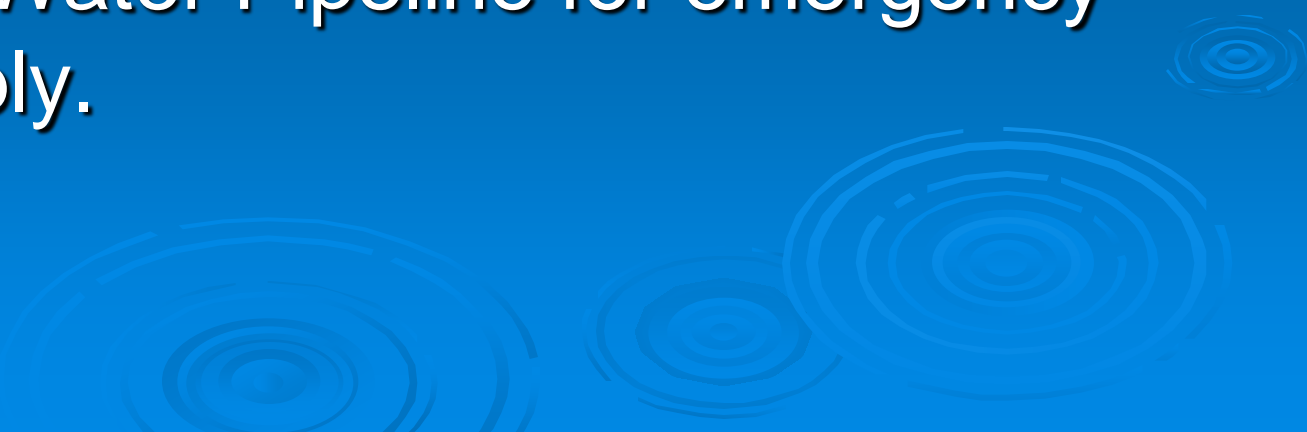
# Bradley Creek Dam




# Water Treatment

- Treatment capacity = 12.0 MGD.
- Operated 24-hours/day, 7-days/week.
- Class “A” surface WTP.
- Process wastewater treatment plant is operated 24-hours/day, 5-days/week.
- Water treatment plant personnel collect ~60 distribution system samples each month.

# WTP Renovations

- Addition of 2-Gravity Filter (without internal components) and 1- Sedimentation Basin;
  - Automation of process controls and operations monitoring (SCADA);
  - FBR Raw Water Pipeline for emergency water supply.
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- The background of the slide features several concentric, light blue circular ripples that resemble water droplets or ripples on a pond, positioned in the lower right quadrant.

# Water Distribution

- Maintain over 3,379,000-feet (640-miles) of water lines ranging in size from 2-in. to 24-in.
  - 23-employees in this division including maintenance and meter services.
  - Serving approximately 65,000 people throughout Henderson County.
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- The background of the slide features several concentric, light blue circular ripples that resemble water droplets hitting a surface, positioned in the lower right and bottom center areas.

# Conservation Efforts

- City installed an automated meter reading system for reading water meters from the Operations Center in 2013.
- System helps to identify customer-side leaks thus reducing water losses.
- Leak detection technician hired to identify and locate leaks in water system.
- Construction crew created to replace old, leaking and undersized water mains.

# Conservation Efforts, cont.

- Rebate program for qualifying high-efficiency toilets and clothes washers.





# Questions?

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