



# Rivanna Water and Sewer Authority

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## New Ragged Mountain Dam

- **Description:**
  - Construction of the Dam is complete; restoration and preservation activities have been implemented and will continue through 2024. As part of this project, approximately 32 million square feet of preservation easements were established. Activities included in this were the establishment or enhancement of approximately 300,000 square feet of wetlands, 80,000 linear feet of stream corridor were enhanced and placed into preservation, and 200 acres of riparian buffer were planted.
- **Future Plans:**
  - Annual assessments of the preservation areas with corresponding corrective measures where needed

## Odor Control Project

- **Description:**
  - Planned project to remove more than one ton of hydrogen sulfide and other emissions from existing wastewater treatment structures per year.
- **Future Plans:**
  - Continued enhancements to the Odor Control project will be considered once Phase 2 construction and startup has been completed.

## New Rivanna Pump Station

- **Description:**
  - New pumping station planned to be constructed in mid-2017 and located within the footprint of the existing Moores Creek Advanced Water Resource Recovery Facility, will replace the current one within a residential neighborhood and be sized to minimize the potential for Sanitary Overflow events.

## Hazardous Waste Recycling

- **Description:**
  - RCRA Hazardous Waste that is generated through operations and maintenance is collected twice per year for disposal by an US EPA-licensed hazardous waste management company in order to prevent unauthorized accumulations of waste and assure that these wastes are being appropriately managed. The contractor that manages these wastes undertakes recycling whenever possible.
- **Results:**

- 6% decrease in amount of hazardous waste collected for recycling between 2014 and 2015
- **Future Plans:**
  - Use less or non-hazardous materials each year to make the amount of hazardous waste collected each year go down.

#### **Other Future Commitments:**

- Maximize the reuse and recycling of the materials used or waste produced.
- Continue to look for ways to increase the quality of waterways within its service area and increase the quantity of areas set aside under long-term preservation.