# HANNAH'S REST WATERLINE REHABILITATION PROJECT

# Current Status: 85% Complete

# $\mathcal{P}$ The Problem

Aging pipelines in Hannah's Rest caused water discoloration, frequent leaks, and low water pressure, impacting the community's access to reliable potable water.

# 🥊 The Solution

To address these challenges, WAPA is replacing 12,740 linear feet of old ductile iron waterlines with durable 6-inch C-900 PVC water pipe. Upgrades include new valves, fittings, service connections, meter boxes, hydrants, and road pavement restoration.

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### **Project Highlights**

- Funding: \$3.3 million (Drinking Water State Revolving Fund (DWSRF), Environmental Protection Agency (EPA))
- Contractor: Marco, Inc.
- Timeline: June 2023-Present (85% complete)
- **Community Impact:** Improvements to water quality, pressure, and reliability for **235 households**

This critical project strengthens our water infrastructure, providing safer and more reliable water for the Hannah's Rest community.





# CLIFTON HILL WATERLINE REHABILITATION PROJECT

## Current Status: 100% Complete

# $\mathcal{P}$ The Problem

Aging pipelines in Clifton Hill caused water discoloration, frequent leaks, and low water pressure, impacting the community's access to reliable potable water.

# 🥊 The Solution

To address these challenges, WAPA partnered with Leumas Engineering Group to replace the Clifton Hill community's old Ductile Iron waterlines with 15,000 linear feet of new PVC pipes. Upgrades include new valves, meter boxes, and hydrants.

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### **Project Highlights**

- **Funding:** \$4.4 million (Territorial Drinking Water Capital Improvement Program, EPA)
- Contractor: Leumas Engineering Group
- Timeline: Completed in September 2023
- **Community Impact:** Improvements to water quality, pressure, and reliability for **186 households**

This critical project strengthens our water infrastructure, providing safer and more reliable water for the Clifton Hill community.

# DOWNTOWN CHRISTIANSTED WATERLINE REHABILITATION PROJECT Current Status: 100% Complete

# $\mathcal{P}$ The Problem

Aging pipelines in downtown Christiansted caused water discoloration, frequent leaks, and low water pressure, impacting the community's access to reliable potable water.

# 🍷 The Solution

To address these challenges, WAPA replaced the Christiansted community's old Ductile Iron waterlines with 13,000 linear feet of 6-inch C-900 PVC water pipe. Upgrades include new valves, fittings, service connections, meter boxes, hydrants and road pavement restoration.

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### **Project Highlights**

- Funding: \$2.7 million (EPA / Department of Planning & Natural Resources (DPNR)
- **Contractor:** Leumas Engineering Group
- Timeline: Completed in March 2021
- **Community Impact:** Improvements to water quality, pressure, and reliability for **287 customers**

This critical project strengthens our water infrastructure, providing safer and more reliable water for the downtown Christiansted community.





# DOWNTOWN FREDERIKSTED WATERLINE REHABILITATION PROJECT Current Status: 100% Complete

# $\mathcal{P}$ The Problem

Aging pipelines in downtown Frederiksted caused water discoloration, frequent leaks, and low water pressure, impacting the community's access to reliable potable water.

# 🍷 The Solution

To address these challenges, WAPA replaced downtown Frederiksted's existing old ductile iron waterlines with 16,000 linear feet of 6inch C-900 PVC water pipe. Upgrades include new valves, fittings, service connections, meter boxes, hydrants and road pavement restoration.

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### **Project Highlights**

- Funding: \$3.7 million (EPA / Department of Planning & Natural Resources (DPNR)
- Contractor: Leumas Engineering Group
- Timeline: Completed in May 2021
- **Community Impact:** Improvements to water quality, pressure, and reliability for **386 customers**

This critical project strengthens our water infrastructure, providing safer and more reliable water for the downtown Frederiksted community.





# **CAMPO RICO WATERLINE REHABILITATION PROJECT**

## Current Status: 99% Complete

## $\mathcal{P}$ The Problem

Aging pipelines in Campo Rico caused water discoloration, frequent leaks, and low water pressure, impacting the community's access to reliable potable water.

# The Solution

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To address these challenges, WAPA is replacing the Campo Rico community's old Ductile Iron waterlines with 24,960 linear feet of new PVC pipes. Upgrades include new valves, meter boxes, and hydrants.

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#### **Project Highlights**

- Funding: \$7.3 million (Territorial Drinking Water Capital Improvement Program, USEPA)
- Contractor: VI Paving, Inc.
- Timeline: February 2023-Present
- Community Impact: Improvements to water quality. pressure, and reliability for 340 households

This critical project strengthens our water infrastructure, providing safer and more reliable water for the Campo Rico community.