

# Larry D Hendrix

107 Chipper Street  
Bonaire, Georgia  
478 287-6220  
478 335-1939  
larryhendrix@cox.net

## Summary

Dedicated Water Treatment operator with over thirty years experience analyzing, prioritizing and completing tasks in a professional manner. Most recent achievement in obtaining a Waste Water treatment license. Successfully attended numerous continuing education units which apply to my career field.

## Objectives

To become highly proficient working in laboratory analysis and advancing my license in Waste Water treatment. To collaborate with other operators in Water and Waste Water treatment to stay abreast with advanced technology in all areas of my career field. To make a positive impact educating new operators starting out in Water Treatment.

## Education

**Georgia Water and Waste Water Institute, Inc.**, Carrollton, Georgia  
Distribution Systems Operation And Maintenance, Graduated March 2002

Twenty-Seven hour total credits. This course examined the system facilities and procedures used to distribute treated water to consumers and a working understanding of why procedures are performed and what facilities are used within a distribution system.

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**Tidewater Community College**, Virginia Beach, Virginia  
Geology , Deferred May 1987

Core curriculum studies with interest in geology. Completed 100 credits. Two classes from graduation for an associates degree.

## Employment History

**Robins Air Force Base**, Warner Robins, Georgia  
Waste Water Treatment Operator, February 2011 – Present

Operates process control equipment with primary, secondary and tertiary treatment involving pumping and sludge collection systems, oil flotation unit, aeration equipment, Diatomaceous earth plate pressure filters, lime feed conveyor systems, hydraulic power pack systems and components during operation to determine conditions. Exercises judgement and initiative in resolving operation problems. Performs process control adjustments to obtain maximum plant efficiency in compliance with Federal and State guidelines. Reads gauges, flow meters, make entries to plant operating logs and maintenance records. Collects wastewater/sludge samples at specified points in system and performs chemical analysis. Interprets analysis results for proper chemical application and equipment calibration. Tests for process control includes pH, cyanide, total chrome, hex-chrome, temperature, conductivity, total dissolved solids, moisture analysis/solids percentage, sludge index and turbidity.

Performs maintenance and makes repairs to wastewater treatment plant equipment, chemical feed systems, pressure systems and components, valves, level transmitters, and all the equipment used in the analytical process control. Consistently participates in safety and security to minimize violations.

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**Robins Air Force Base**, Warner Robins, Georgia  
Water Treatment Plant Operator, November 2001 – February 2011

Lead shift operator in charge of water treatment plant with 3 MGD capacity. Responsible for operating, maintaining, repairing water pumps, gas chlorinators, and chemical feed systems. Operated equipment consistent with water pumping plants to include chlorination systems, pH, corrosion control, and fluoridation. Water tested for proper levels of chlorine, fluoride, phosphate, and pH. Other laboratory tests included iron, zinc, hardness, and manganese. Operated SCADA System used for maintaining proper distribution system pressure. Reads and records various meters used for the treatment process. Performed state of Georgia and Air Force monthly reports. Operated, maintained and repaired 4 base swimming pools. Tested pools for proper chemical dosages. Accountable for inventory of chemicals and testing reagents.

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**Shaw Air Force Base**, Sumter, South Carolina

Water Treatment Plant Work Leader, November 1999 – October 2001

Work Leader in responsible charge of the water system at Shaw Air Force Base. Trained and supervised Air Force personnel. Operated and maintained 6 water treatment wells equipped with well pumps, air stripper effluent pumps, water towers, and controls designed to remove trichloroethylene and volatile compounds. Operated equipment consistent with water treatment plants using gas chlorination systems, pH, corrosion control and fluoridation system. Performed lab analysis for chlorine residual pH, turbidity, fluoride levels. Responsible for scheduling and ordering chemicals and supplies. Input time, labor reports for all operators in plant. Submitted Air Force and South Carolina state reports and controlled SCADA System to regulate distribution pressure system.

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**Oceana Navel Base**, Virginia Beach, Virginia

Utility Systems Operator, September 1994 – November 1999

Responsible for the operation, maintenance and repair of sewage and water distribution systems for NAS Oceana. Performed operational checks of sewage lift stations, cleaned bar screens and wet wells. Operated maintained and prepared auxiliary water treatment plant with the capacity of 10,000 GPD with a storage capacity of 50,000 gallons. Tested water for hardness, pH, alkalinity, and chlorine residual. Operated, maintained and repaired sewage treatment plant using facultative ponds and spray fields. Collected bacteriological water samples for laboratory testing. Read and maintained records concerning water meter readings, chemical usage and waste water treatment flow rates. Assisted in the installation of water meters base wide. Participated in the installation and repair of water and waste water distribution lines.

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**NAS Bermuda**, St Georgia, Bermuda

Utility Systems Repair-Operator, July 1993 – September 1994

Operated and performed maintenance of sewage and water distribution for NAS Bermuda. Performed operational checks of sewage lift stations. Cleaned bar screens and wet wells. Maintained and operated water pumping stations and distribution systems. Performed chlorine residual checks and water level checks. Repaired water and sewage pumps, valves, check valves, and water and sewage mainlines. Gained valuable experience working with the British and Bermudians. Returned to Virginia when NAS Bermuda was closed.

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## Professional Skills

Water Treatment Plant Operator: Expert

Waste Water Treatment Plant Operator: Intermediate

Waste Water Treatment Lab Analysis: Advanced

## References

**Tim Borow** *(Co-Worker/Friend)*

Environmental Water Services LLC

475 Old Chapman Trail

Pickens, South Carolina

Phone: 864 506-1321

Email: timborow@gmail.com

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**Kenneth Burris Jr** *(Co-Worker/Friend)*

Robins Air Force Base

116 McLean Drive

Warner Robins, Georgia

Phone: 478 329-1229

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**David Munoz** *(Co-Worker/Friend)*

Robins Air Force Base

100 Bishop Court

Warner Robins, Georgia 31005

Phone: 478 218-0179

Email: david.munoz@us.af.mil

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**Buddy Casey** *(Friend/Neighbor)*

109 Chipper Street

Bonaire, Georgia 31005

Phone: 203 492-9125

## Qualification & Certification

### **Class 3 Waste Water Treatment Operator**

September 2012

GWWI/ 78th Civil Engineering Squadron RAFB

BAS-40-WW-1211-GWWI-013114-CE-12-WW-0003

Warner Robins, Georgia

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### **Class I Water Treatment Operator**

December 2001

GWWI/78th Civil Engineering Squadron RAFB

Warner Robins, Georgia

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### **Class A Water Treatment Operator**

December 1999

Shaw Air Force Base

#7166

Sumter, South Carolina