

ATLANTICHYDRO SE LLC

FLOWING FOR SUSTAINABILITY

Water & Wastewater Infrastructure and Environmental Remediation Services with Biological Treatment



COMPANY OVERVIEW

Atlantic Hydro SE LLC is a civil engineering consulting firm with over 35 years of experience. We provide efficient and sustainable engineering solutions for water infrastructure and wastewater systems, integrating technology, innovation, and biological processes to improve operability, restore water quality, and address environmental challenges. Trusted by public and private sector clients, we deliver results that enhance resilience, optimize operations, and strengthen water resource management.

CORE CAPABILITIES

- **Strategic Planning**
Master planning, feasibility studies, GIS & hydraulic modeling for system assessment.
- **Asset & Risk Management**
Condition assessment, vulnerability assessment, and climate risk evaluation.
- **Operational Optimization**
Non-revenue water reduction, system performance improvement, metering, and pressure management.
- **Water Treatment & Restoration**
Biological wastewater treatment, environmental remediation, septic system optimization, and odor and sludge control.

COMPANY DATA

 **Oscar Monroy**
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 www.atlantichydrose.com

DIFFERENTIATORS

- ✓ 35+ years of project experience
- ✓ Advanced GIS & Hydraulic Modeling expertise
- ✓ Sustainable water and wastewater treatment and remediation services.

KEY PROJECTS

**ESPH Heredia Public Utility Company | Costa Rica**

Developed a
300 Miles
Wastewater Hydraulic Model

- \$100M Infrastructure
- Integrated network and treatment assets
- Trained utility personnel and consultants

**IBAL S.A. E.S.P. Water Utility | Ibagué, Colombia**

NRW reduction
from **63%** to **39%**
435 Miles Water System

- Supported 86,000 service connections
- Integrated metering, leak detection, and SCADA systems
- Improved system monitoring and operational performance

**DOWASCO – Dominica Water & Sewerage Company Caribbean Region**

Climate-Resilient Infrastructure Program | Post-Hurricane Maria

- Delivered coordination for national water infrastructure modernization program
- Performed system diagnostics, vulnerability assessments, and feasibility studies
- Supported engineering design and construction phases

**U.S. Commercial & Residential Sector**

Environmental Remediation & Biological Treatment Optimization

- Provided in-situ biological remediation to optimize wastewater, sewer, and on-site septic system performance.
- Reduced odors, FOG accumulation, and flow restrictions.
- Supported system evaluation, design, and implementation of treatment solutions.

 **NAICS (Environmetal)**
562910
562991
562998
541620
221320

 **CAGE Code**
1AAL6

BUSINESS SIZE
Women-Owned · Minority-Owned

