

Pedro Stiassni

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Professional Environmental Engineer

I am a motivated, safety-conscious, self-directed environmental engineer with solutions-driven abilities with extensive experience in project management, inspections, sanitary surveys, plan reviews, and implementation of technical solutions. Extremely detail-oriented, articulate, and able to improvise when needed, highly organized with excellent customer service skills, and the ability to manage various technical aspects.

- Active Learning
- Active Listening
- Agencies Negotiations
- Capital Projects
- Contract Negotiations
- Coordination
- Cost Reduction
- Critical Thinking
- Decision Making
- Effective Communication
- Management Skills
- Management of Financial Resources
- Negotiation Operation Monitoring
- Operations Management
- Problem Solving
- Process Automation
- Project Management
- Public Safety
- Recruiting
- Service Orientation
- Systems Analysis
- Time Management

AREAS OF EXPERTISE

Management

- Attended and addressed any and all issues brought to light during safety meetings.
- Developed and directed laboratory procedures and record systems, implementing process changes to produce higher quality water effluent.
- Developed, recommended, and implemented programs to ensure compliance with applicable local, state, and federal regulations, including documentation, reporting, permits, manifests, training, and policy development.
- Made recommendations for treatment plant expansions and improvements to upper management and regulatory agencies.
- Managed a staff of 50 - 80 full-time non-exempt employees in a poultry production line focusing on safety and maintaining quality standards and compliance with the U.S.D.A. regulations policies and procedures while ensuring operational soundness.
- Managed the environmental data management system (E.S.S.) for compliance and reporting.
- Mentored, motivated, recruited, and directed exempt and non-exempt staff for various wastewater treatment plants focusing on pollution prevention, safety, and compliance implementation.
- Oversaw and ensured wastewater treatment areas and stormwater programs meet environmental standards.

Operations

- Aided company's engineers and Public Works employees during water treatment plants planning and constructions.
- Assisted Laboratory Managers with all mandating and controls on Safety and Quality by enforcing and abiding by all regulations set.
- Budgeted for sufficient funds to effectively operate and maintain the treatment facilities. Reduce wastewater treatment plant expenses by \$300K annually by upgrading the treatment facility.
- Completed reporting requirements to various company groups.
- Conducted safety meetings.
- Developed and implemented goals, objectives, Environmental and Safety policies, and priorities for assigned programs.
- Developed, inspected, and audited stormwater pollution prevention plans (S.W.P.P.P.).
- Increased productivity in a production line by 30%, selecting and motivating the right non-exempt employees.
- Negotiated higher discharge allowances with the local agency, reducing by 90% sludge production.
- Performed National Pollutant Discharge Elimination System (N.P.D.E.S.) permit audits and inspections.
- Piloted a successful wastewater treatment plant start-up, utilizing new chemical treatments and equipment to accomplish zero non-compliance with the local agency.
- Reduced product waste by 50% by implementing equipment improvement in the production lines.
- Reduced work-related accidents upon implementation of "Own Your Work Area" programs and preventive maintenance.
- Responsible for collecting data and managing the day-to-day basis of remediation projects.
- Tracked and concluded all performed P.M.s for completion and accuracy.

PROFESSIONAL EXPERIENCE

City of Margate, Margate, FL Project Manager – Utilities , Margate, FL (2021 – Present)	2018 – Present
Engineer (Environmental & Engineering Services) , Margate, FL (2018 – 2021)	
Florida Department of Health – Broward County, Fort Lauderdale, FL Engineering Specialist III , Fort Lauderdale, FL (2017 – Present)	2017 – 2018
Engineering Specialist II , Fort Lauderdale, FL (2017 – 2017)	
Environmental Specialist I , Fort Lauderdale, FL (2017 – 2017)	
Lowe's, Boca Raton, FL Outdoor Lawns and Garden Seasonal Helper	2017 – 2017
NorthStar Demolition and Remediation, Boca Raton, FL Environmental Engineer	2016 – 2016
Cliff Berry, Inc., Miami, FL Deputy Plant Manager	2014 – 2014
Metalmecánica 1, Santa Cruz, Venezuela Owner / Vice President	2013 – Present
Sigma Builders, Aventura, FL General Contractor Assistance	2012 – 2014
A.L.C.O.A., Inc., Newburgh, IN Senior Environmental Engineer	2008 – 2011
Tyson Foods, Inc. Complex Environmental Manager , Robards, KY (2006 – 2008)	1999 – 2008
Complex Environmental Manager , Madison, NE (2005 – 2006)	
Wastewater Supervisor , Robards, KY (2001 – 2005)	
Wastewater Supervisor Trainee , Robards, KY (2000 – 2001)	
Production Supervisor , Robards, KY (2000 – 2000)	
Human Resource Assistant , Robards, KY (1999 – 2000)	

ACADEMIC CREDENTIALS

B.S. in Environmental Engineering Technology, Murray State University, Murray, KY
M.S. in Management of Technology, Murray State University, Murray, KY

OTHER RELEVANT INFORMATION

Licenses, Accreditations, and Certifications

- Certified in ArcView 3.0
- Firefighter in the State of Indiana
- HAZWOPER 40 hours
- Lean Six Sigma Green Belt
- N.A.U.I. Advanced Scuba Diver
- N.A.U.I. Enriched Air Nitrox Diver

Professional Affiliations and Memberships

- President of South Florida Association of Environmental Professionals – S.F.A.E.P.

Volunteer Experience

- A.F.S. Intercultural Programs (American Field Service)
- Coach of Murray State University Rugby Team
- Evansville Dog Owners Group - Central Bark

Regulatory Compliance Experience

- Clean Air Act (C.A.A.)
- Clean Water Act (C.W.A.)
- Comprehensive Environmental Response Compensation and Liability Act (C.E.R.C.L.A.)
- Emergency Planning and Community Right-to-Know Act (E.P.C.R.A.)
- Environmental Protection Agency (E.P.A.)
- Florida Administrative Code (F.A.C.)
- National Pollutant Discharge Elimination System (N.P.D.E.S.)

- N.A.U.I. Scuba Rescue Diver
- Protected Species Observer
- Storm Water Management Inspector (FL)
- Wastewater Treatment Plant Class 1 (KY)
- Wastewater Treatment Plant Operator Class B (IN)
- Wastewater Treatment Plant Operator Class 1 (NE)

- Board of Directors of Hospitality & Outreach for Latin Americans (H.O.L.A.), Evansville, IN
- Member of the Honorable Order of Kentucky Colonels

- Humane Society of Broward County
- Member of Epsilon Lambda Chapter - Pi Kappa Alpha
- South Florida Wildlife Center

- Occupational Safety and Health Administration (O.S.H.A.)
- Phase I and Phase II site assessments
- Resource Conservation and Recovery Act (R.C.R.A.)
- Superfund Amendments and Reauthorization Act (S.A.R.A.)
- Toxic Substances Control Act (T.S.C.A.)
- Toxics Release Inventory (T.R.I.)