

Randy M. Heard
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EXPERIENCE

Wastewater Plant Superintendent

Town of Pittsboro (2009-Present) Pittsboro, NC

- Optimized process control procedures to consistently achieve reclaimed water quality, compliance with nutrient TMDL's, and NPDES compliance. Established an excellent compliance record and positive relationship with NCDWQ.
- Achieved a significant reduction in the operations budget with improvements in bio-solids processing, utilities, and chemical usage.
- Served as Project Manager overseeing a \$2.2 M plant upgrade.
- Implemented programs to evaluate and optimize energy usage through off-peak operation, VFD's, and SCADA system upgrades • Additional focused areas include predictive maintenance and a data management system resulting in improved reliability of plant equipment • Experience with Johnson Controls Computerized Maintenance Management.
- Served on a team implementation of alternative coagulant chemistry reducing DBP's in Drinking Water.

Water Management Specialist

Veolia Water - Crown Solutions (2006-2007) – Raleigh, NC

- Provided water treatment equipment, chemical, and consulting service to industrial clients throughout NC & SC. Provided start-up service of reverse osmosis systems for boiler feed, and poultry process water.

Lab Technician - Wastewater / Plant Operator – Water

City of Centralia (2001-2005) - Centralia, IL

- Managed all laboratory testing and EPA reporting at a biological wastewater facility. Additional responsibilities included plant operations and maintenance, lift station inspections, and industrial plant inspections. • Performed operation and maintenance, process control analysis, and source water management at a 5.0 MGD Surface Water plant.

Sales / Service Engineer

Midland Research Laboratories (1996-2000) – Kansas City

- Designed and implemented chemical treatment programs for water & wastewater treatment plants, boilers, cooling towers, and process water • Introduced chlorine dioxide chemistry for the prevention of DBP's in potable water & HACCP compliance in poultry plants.

Technical Sales Representative

W.R. Grace – Dearborn Chemical (1992-1996) - Honolulu, HI

- Implemented chemical programs to improve heat transfer efficiency in boilers, chillers, cooling towers, and evaporators • Supervised an oil separation DAF treatment process at Pearl Harbor Naval Complex.

EDUCATION

BS Industrial Technology, Southern Illinois University, 1992.

CERTIFICATIONS

NC Grade IV Biological Wastewater • Physical Chemical 1

NC Grade A Surface Water • Grade B Well Water

*Member of NCRWA, NCWOA, NC AWWA-WEA.