

Wastewater Treatment Plant Operator

Job Description

Updated 7/22/2026



Position Overview:

NTS Environmental Science and Engineering is seeking a Wastewater Treatment Plant Operator to support operations at a new industrial wastewater treatment facility in St. Louis County. This position offers the opportunity to work hands-on with wastewater collection systems, ponds, reverse osmosis treatment, and land application under the supervision and mentorship of a licensed NTS operator. The role is well-suited for candidates who are early in their operator career and looking to develop technical competency toward licensure.

Key Responsibilities:

- Perform routine operation, monitoring, and maintenance of wastewater treatment plant equipment and systems under the direction of a licensed operator.
- Collect samples and conduct process control testing; record and report results accurately.
- Conduct regular inspections of plant equipment, identifying and reporting operational concerns or maintenance needs.
- Operate and monitor treatment processes including collection systems, facultative ponds, reverse osmosis, and land application.
- Maintain accurate operational logs, daily records, and regulatory reporting data.
- Assist with preventive and corrective maintenance of pumps, blowers, instrumentation, and related mechanical and electrical equipment.
- Support compliance with permit conditions, MPCA regulations, and applicable state and federal requirements.
- Respond to plant alarms and after-hours emergencies as part of an on-call rotation.
- Coordinate with project managers and regulatory contacts as directed.
- Pursue required training hours and coursework in support of obtaining or advancing wastewater operator licensure.
- Operate mobile equipment including water trucks, forklifts, and scissor lifts.
- Perform other duties as assigned or necessary.

Minimum Qualifications:

- High school diploma or equivalent required; coursework or degree in environmental science, biology, chemistry, or a related field preferred.
- Minnesota Class C Wastewater Operator and Type V Spray Irrigation license, or eligibility to obtain licensure within 12 months of hire.
- Basic understanding of wastewater treatment processes, water chemistry, or environmental regulations preferred.
- Ability to perform physical tasks including lifting up to 50 lbs., working outdoors in variable weather, and operating in confined space environments with appropriate training.
- Valid driver's license and satisfactory driving record.
- Strong attention to detail and commitment to accurate recordkeeping.

- Ability to work independently and as part of a team; reliable and self-motivated.
- Willingness to participate in on-call rotation and respond to after-hours operational needs.
- Excellent communication skills; ability to work effectively with regulatory agencies, clients, and colleagues.

Compensation & Schedule:

Position Type: Full-Time

Compensation: Starting at \$52,000 per year, based on experience and education. Comprehensive benefits package including health insurance, retirement plan, paid time off, and professional development.

Work Schedule: Monday-Friday

Interested in joining our team? We'd love to hear from you.

Please submit your cover letter and resume by mail or email using the contact information below.

By Mail:

Northeast Technical Services, Inc.
Attn: Megan Borich
526 Chestnut St.
Virginia, MN 55792

By Email:

mborich@nettechnical.com

We appreciate your interest and will contact selected candidates regarding the next steps in the hiring process.

Northeast Technical Services, Inc. (NTS) is an Equal Opportunity, Affirmative Action Employer. All qualified applicants will be considered for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, or status as a protected veteran.