



Job Description

POSITION TITLE (LEVEL):

ENGINEER – WASTEWATER/SEWER COLLECTIONS SYSTEM

DEPARTMENT:

ENGINEERING

SUPERVISOR:

ENGINEERING MANAGER OR DESIGNEE

FLSA STATUS:

EXEMPT

LNI CODE:

5306

REVISION DATE:

07/01/2024

REPRESENTED BY:

NON-REPRESENTED

REVIEW DATE:**JOB SUMMARY:**

Responsible for coordination, administration, planning, review and development of engineering designs, plans, and specifications of assigned public works projects relating to both wastewater treatment and sewer collection systems and operations. Responsible for overseeing the activities associated with new wastewater treatment and sewer service projects for the District. Supervises, directs, assigns, coordinates, and reviews the work of assigned technical staff. Provides management with information related to the performance of the technical staff. Troubleshoots professional engineering problems in conjunction with the review of capital improvements projects. Coordinates, as needed, with other departments and manages consulting contracts for engineering and construction management services.

Work is regularly performed under general supervision.

ESSENTIAL JOB FUNCTIONS:

- Maintains regular, predictable attendance.
- Physical ability to conform with all safety requirements.
- Supervises, coordinates, and/or develops engineering designs, plans, specifications, and cost estimates for assigned public works projects.
- Oversees and coordinates the activities associated with wastewater treatment and sewer system improvements required for capital improvement, including review and evaluation of construction plans and engineering reports, review of technical issues pertaining to legal documents, analysis of service availability issues, calculation of connection charges, etc., and may supervise assigned staff who perform these activities.
- Analyzes and develops solutions to engineering problems associated with wastewater treatment facilities and sewer collection systems.
- Ensures that public works projects conform to District, City, County, State and Federal laws, standards, resolutions, policies, procedures, permits, regulations and codes, and that schedules, budgets, and other commitments for multiple projects are observed.
- Plans work activities, provides guidance and technical assistance to assigned staff, and is responsible for daily management of projects, including the maintenance of related records and databases.
- Responsible for oversight of the annual project budgets, including controls over expenditures.
- Develops short and long range plans, policies, procedures, and objectives consistent with District goals.
- Participates in personnel actions for the Department, such as hiring, leaves, overtime, transfers, promotions and separations. Evaluates the performance of assigned staff. Provides

staff training as needed to support work activities; recommends disciplinary actions, as appropriate.

- Reviews requests for material and equipment purchases.
- Coordinates inter-agency activities with neighboring jurisdictions.
- Interprets policies and procedures for the public.
- Assists customers and answers inquiries made by telephone, written communications, and/or e-mail.

ADDITIONAL DUTIES AND RESPONSIBILITIES:

- Coordinates and directs the activities of consultants and/or contractors retained to perform services for the District in conformance with applicable contracts.
- Assists in the selection of professional consultants, and manages those consultants who are retained to perform work on public works projects.
- Performs research and prepares various engineering reports, documents and calculations/computations as assigned.
- Participates in the development of the annual Capital Improvement Program.
- Ensures that all hiring, disciplinary and supervisory practices are in accordance with the District's overall policies and procedures and labor agreements; ensures that labor grievances are resolved at the lowest possible level.
- Reviews organizational structure and functional relationships and recommends appropriate changes to the Engineering Manager to ensure an effective and efficient operation of the Department.
- Makes recommendations for needed improvements to the physical plants of the District.
- Prepares periodic written reports on the status of assigned activities and responsibilities, including the Capital Improvement Program.
- Assists in the development and updating of the District's Comprehensive System Plans.
- May assist in the supervision of construction, inspection and maintenance of the water and sewer systems undertaken by District forces.
- Meets and consults with citizens, customers, private engineering consultants, construction contractors, landowners/developers, lawyers, representatives of other governmental agencies, and other interested parties concerning the planning, design, construction and management of public works projects and smaller engineering related assignments.
- Ensures that facility Construction Record Drawings and other records are maintained and updated as construction projects are completed.
- Assists with the water and sewer system computer models updates, and verifies their accuracy by comparing with actual facility operation data.
- Assists in the development of District policies and procedures.
- Assist in the development of emergency response plans.
- Performs or delegates other duties as assigned.

EDUCATION AND EXPERIENCE:

- Graduation from an accredited college or university with a Bachelor of Science Degree in Civil or Sanitary Engineering.
- Must possess a current Professional Civil Engineering license issued by the State of Washington. Preference may be given to applicants with a Master's degree in a related field, or additional Engineering License endorsements.
- Six (6) years of increasingly responsible civil engineering experience in the principles and practices of design, administration and management of a municipal public works operation, preferably in the water and/or sewer utility areas.
- Supervisory experience is desirable.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Ability to make decisions concerning work assignments, staffing priorities, objectives and operational procedures.
- Ability to make effective presentations on complex subjects at public meetings - including Board of Commissioners meetings and at various other meetings throughout the community.
- Ability to interact positively and effectively with diverse individuals within and outside the organization to accomplish common goals.
- Ability to establish effective work relationships with other District employees, representatives of similar agencies, and the public.
- Comprehensive knowledge and proficient use of personal computers and word processing, spreadsheet, and database software.
- Demonstrable working knowledge of monitoring operating and capital budgets.
- Advanced analytical skills to assess trends and develop strategies for action.
- Excellent oral and written communication skills, including the ability to write technical reports.
- Proactive problem-solving skills and the ability to enhance creative talents of subordinates.
- Ability to deal tactfully and courteously with the public and other employees.
- Thorough understanding and working knowledge of modern management techniques and principles.
- Knowledge of and an ability to interpret engineering plans and specifications.
- Skills associated with drafting (AutoCAD preferred).
- Knowledge of principles and practices of wastewater treatment facilities and collection systems.
- Knowledge of contract management procedures.
- Prepare engineering data and materials for NPDES and other environmental permits and applications for wastewater and sewer collection systems.

GENERAL REQUIREMENTS:

- Demonstrate excellent written and oral communications skills.
- Ability to communicate courteously, effectively, tactfully, and maintain confidentiality.
- Ability to carry out oral and written instructions.
- Ability to organize and prioritize workload.
- May perform task/job duties of other work unit positions in order to balance workload and/or cross train personnel.
- Proficiency with common office practices, equipment, and software.
- Follow all safety requirements set forth by District policy, State and Federal codes.
- Follow all District policies and procedures.
- Other duties as assigned.

MANAGERIAL REQUIREMENTS:

- Oversee and direct the work of subordinates in work unit in accordance with guidelines set by department manager.
- Conduct timely annual Employee Performance Reviews (EPRs) of employees in work unit.
- Plan, organize and/or supervise the work of subordinate employees.
- Delegate responsibilities, as appropriate, to subordinate managers and staff for effective and efficient operation and management of the District.

SPECIAL REQUIREMENTS:

- Depending on area of assignment, must have valid WA State Driver's License.
- Requires attendance at meetings or public hearings in the District offices or off-site. Some meetings are held during the evenings.

WORK ENVIRONMENT:

- Work is generally performed onsite in a (an) office environment.
- May require shift, weekend, and holiday work as required by emergency or work assignment.
- Anticipated to respond in emergency situations.

MACHINERY, TOOLS, EQUIPMENT, PERSONAL PROTECTIVE EQUIPMENT:

- Vehicles.
- Safety equipment: eye/ear protections, boots, gloves, hard hats, vests.

PHYSICAL DEMANDS:

Task:	Never 0% 0 hour	Seldom 1-10% 0-1 hour	Occasional 11-33% 1-3 hours	Frequent 34-68% 3-6 hours	Constant 67-100% 6-8 hours
Sit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stand / Walk	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform work from ladder	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work at heights / balancing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Climb ladder	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Climb stairs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Twist	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bend / Stoop	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squat / Kneel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crawl	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reach	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work above shoulders	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Keyboard	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wrist (flexion/extension)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grasp (forceful)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fine manipulation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operate foot controls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vibratory tasks; high impact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vibratory tasks; low impact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drive vehicle	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Repetitive motion	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Talk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
See	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature extreme	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lifting/Pushing	Never	Seldom	Occasional	Frequent	Constant
Lift	Weight lbs	Weight lbs	25 lbs	Weight lbs	Weight lbs
Carry	Weight lbs	Weight lbs	25 lbs	Weight lbs	Weight lbs
Push / Pull	Weight lbs	Weight lbs	25 lbs	Weight lbs	Weight lbs

The statements contained herein reflect general details as necessary to describe the principal functions of this job, the level of knowledge and skill typically required, and the scope of responsibility, but should not be considered an all-inclusive listing of work requirements. Individuals may perform other duties as assigned including work in other functional areas to cover absences or relief, to equalize peak work periods or otherwise to balance the workload.

This job description does not constitute an employment agreement and may be changed or amended at any time to meet the needs of the District.