STORMWATER TECHNICIAN

REPORTS TO: Surface/Stormwater Manager  DEPARTMENT: PUBLIC WORKS  CLASSIFICATION: NON-EXEMPT

JOBSUMMARY: Under the direction of the Surface/Stormwater Manager, performs a variety of technical and administrative tasks to support and coordinate compliance with the Municipal Stormwater NPDES Phase II Program which governs stormwater permits, discharges, and related environmental regulatory requirements.

The employee in this position provides assistance to citizens and staff with regards to stormwater and water quality; including inspection of construction stormwater sites and enforcement of stormwater control ordinance, inspection of public and private storm facilities; implementation of policies, procedures and Stormwater Pollution Prevention Plan for municipal operations and maintenance; constructing stormwater maintenance projects; and other related tasks.

LAST REVISED:
Mayor Review:
Dept Head Review:
Union Review:
Employee Review:

ESSENTIALFUNCTIONS

RESPONSIBILITIES:

• Assist in the implementation of the City’s Municipal Stormwater NPDES Permit.

JOB DUTIES:

This position performs a range of duties including (but not limited to) the following:

• Inspect Best Management Practices (BMPs) and stormwater facilities and conveyance at construction sites. Perform follow-up enforcement as required by City’s Municipal Stormwater NPDES Permit.

• Ensure compliance with applicable standards and requirements as set forth in the Municipal Stormwater NPDES permit through inspection and documentation of operation and maintenance of private and public storm systems.

• Meet with citizens and business owners to arrange for inspections; inspect private and public detention/drainage systems and maintain related databases; prepare reports or correspondence to obtain compliance with regulations.

• Work with Surface/Stormwater Manager to develop and implement inspection and maintenance standards for Low Impact Development as specified in the City’s Municipal NPDES permit.

• Provide public outreach and education to the general public and target groups regarding maintenance of stormwater facilities and BMPs and stormwater best management practices and solicit input as appropriate.
• Ensure implementation of, and update when necessary, practices, policies and procedures to reduce impacts associated with runoff from all lands owned or maintained by the City.

• Ensure implementation of, and update when necessary, the City’s Stormwater Pollution Prevention Plan (SWPPP) for all heavy equipment maintenance and storage yards, and material storage facilities owned and operated by the City.

• Provide training to City operations and maintenance staff on pollution prevention with regard to their daily and emergency work activities.

• Assist with the collection, review and maintenance of the GIS storm system inventory.

• Construct small stormwater projects, such as, but not limited to grouting, debris removal, BMP installation and removal, catch basin frame and grate repair and replacement.

• Perform related duties as required or assigned.

QUALIFICATIONS:
A combination of the experience, education, and training listed below which provides an equivalent background to perform the work of this position.

• Two years of experience working with stormwater facilities construction and inspection and/or Bachelor’s degree with major course work in the physical or environmental sciences or a closely related area.

• Possession of or ability to obtain within one year of hire date, Certified Erosion and Sediment Control Lead (CESCL) certification.

• Possession of, or ability to obtain within two years of hire date, LID Certificate from program agreed upon by Surface/Stormwater Manager.

• Possession of a valid Washington State driver’s license and be insurable under city policy.

Knowledge of:

• Applied biological, chemical or hydrological concepts surrounding the conveyance of storm water and natural surface water systems.

• Construction drawings, Best Management Practices and constructed stormwater facility and conveyance systems.

• Construction techniques such as, but not limited to, grouting, pipe installation, grading and slope, bedding, backfill, catch basin installation and culvert repair and replacement.


• Endangered Species Act (ESA) and the National Pollutant Discharge Elimination System (NPDES) Phase II Rule as they relate to surface water management issues.

• Low Impact Development stormwater techniques.

• Pertinent federal, state and local laws, codes, rules, regulations, codes and statues.
• Office principles practices and procedures.
• Principles of supervision, training and performance evaluation.
• Public relations principles and practices.
• Correct grammar usage in preparing reports and correspondence.

Ability to:

• Interpret and apply laws, regulations, codes, and policies relating to surface and stormwater management.
• Inspect stormwater facilities for compliance with applicable standards, including Low Impact Development.
• Implement construction techniques such as, but not limited to, grouting, pipe installation, grading and slope, bedding, backfill, catch basin installation and culvert repair and replacement.
• Collect water samples and maintain equipment.
• Operate computer software programs to generate reports and manage databases.
• Communicate effectively, both orally and in writing.
• Prepare reports and maintain records.
• Develop educational materials for public dissemination.
• Use independent judgment and initiative in evaluating and developing solutions to problems.
• Train staff.
• Plan, organize and schedule work.
• Establish and maintain effective working relationships with supervisor, other City employees, state and county employees, and the general public.
• Proficiently use Microsoft Word, Excel, PowerPoint and Outlook.

Physical Demands and Working Environment:

Work is performed in partially in office environment and partially outside in the field in a variety of weather conditions and terrain. Work involves computer use and occasional lifting and moving of light to heavy objects. While in the field, the employee must stand or walk on variable surfaces including hard, even surfaces and uneven ground, as well as sloped embankments. The employee occasionally works in the right of way or construction sites and may be exposed to physical hazards such as moving traffic and heavy construction equipment. Field work also involves stooping, kneeling, crouching, pulling, reaching, operating a motor vehicle to get to inspection sites, and exposure to loud noise, fumes, odors, dusts, and gases, and poor ventilation.