

Stormwater Engineer

DEPT: Public Works
DIV: Storm Drains
DATE: January 2020

FLSA: Exempt
EEOC: Professionals



POSITION SUMMARY

Performs a variety of **professional and technical** duties as needed to plan, coordinate, and implement Lehi City Storm Water drainage development and maintenance operations.

SUPERVISION RECEIVED

Works under the direct supervision and policy guidance of the Public Works Director.

SUPERVISION EXERCISED

Provides close to general supervision to in-house and contract engineering staff on a project-by-project basis.

ESSENTIAL FUNCTIONS

Plans and manages City Storm Water Drainage System engineering projects, programs, and operations to ensure planning, development and construction are in compliance with all applicable City/State/federal codes and regulations, and according to all acceptable engineering practices.

Oversee all aspects of City compliance pertaining to the Utah Pollutant Discharge Elimination System [UPDES] permits and the City's Municipal Separate Storm Sewer System [MS4] permit.

Oversee the Storm Water Management Plan including creation, implementation, tracking, and compliance with MS4 permit.

Network with state and county personnel to stay updated and provide input on changing regulations.

Develops, administers, and enforces policies, rules, and regulations of public system infrastructure for all existing, proposed improvements and new construction.

Manages, reviews, and approves Storm Water infrastructure design and construction; ensures all work is approved for compliance with all applicable codes, ordinances, and regulations.

Provide inspection and relevant city compliance to permits and records management, to ensure that the City grows and develops in a manner that is consistent with its mission.

Reviews and submits recommendations on City planning and development issues relative to stormwater.

Coordinate with City staff on internal MS4 inspections of City properties and adherence to UPDES mandates.

Manage current and upcoming maintenance agreements on private storm water facilities including inspections and applicable enforcement

Serves as liaison with federal, state, county, and local jurisdictions; represents the city as staff to various commissions and task forces; prepares various reports, projections, and evaluations as required; provides input to city council and committees in a timely manner.

Operate, clean, and maintain tools, vehicles, and equipment to assure proper working order.

Performs other related duties as required.

MINIMUM QUALIFICATIONS

1. Education and Experience:

- A. Graduation from college with a bachelor's degree in civil engineering or related engineering field;

AND

- B. Two (2) years of progressively responsible experience directly related to above duties

OR

- C. An equivalent combination of education and experience.

2. **Required Knowledge, Skills, and Abilities:**

Knowledge of general construction principles and practices; legal environment associated with construction and maintenance of public works projects; modern methods, principles and practices of infrastructure construction and maintenance; conveyance of storm water through storm drain systems; equipment and materials used in construction and maintenance operations; current codes, standards, safety practices and principles involved in public works.

Ability to enforce regulations with firmness, tact, and impartiality; keep operating records and maintain various written reports; read maps and locate property; establish and maintain effective working relationships with employees, other agencies, and the public; comprehend interpret and enforce City ordinances, codes, and regulations.

Ability to communicate effectively verbally and in writing read and interpret plans and specifications, visualize completed projects in planning stages and estimate the end results.

Ability to listen and work under stress-related situations.

Proficient in the operation of computers, specifically competent in database software, records management software and Microsoft products.

Skill in cooperative problem solving, exercise good judgment in difficult situations, and communicate to citizens and city staff.

3. **Special Qualifications:**

Specific knowledge on all MS4 Phase 2 components, in compliance with the United States Environmental Protection Agency (EPA) and the Utah Water Quality Act, Title 19, Chapter 5, Utah Code Annotated 2004.

4. **Work Environment:**

Tasks require a variety of physical activities not generally involving muscular strain. Physical demands may occur in activities related to walking, standing, stooping, sitting, reaching, etc. Tasks require considerable time on project sites exposing the incumbent to a wide spectrum of weather conditions. Talking, hearing, and seeing required in the daily performance of job duties. Mental application utilizes memory for details, emotional stability and discriminating thinking and creative problem solving. Periodic travel required in course of performing portions of job functions.

Disclaimer: The above statements describe the general nature, level, and type of work performed by the incumbent(s) assigned to this classification. They are not intended to be an exhaustive list of all responsibilities, demands, and skills required of personnel so classified. Job descriptions are not intended to and do not imply or

create any employment, compensation, or contract rights to any person or persons. Management reserves the right to add, delete, or modify any and/or all provisions of this description at any time as needed without notice. This job description supersedes earlier versions.

I _____ have reviewed the above job description. Date: _____
(Employee)