Environmental Systems Crew Leader

FLSA Status: Covered
Bargaining Unit: District Council of Trade Unions (DCTU)

General Summary

Positions in this class are responsible for providing leadership and participation in the repair, replacement and new construction of the City's sewer and stormwater collections systems. An Environmental Systems Crew Leader (ESCL) leads and is a member of a field crew which repairs, replaces and constructs the City's sewer and stormwater collection systems.

Environmental Systems Crew Leader - 30000095

Distinguishing Characteristics

This classification is distinguished from others on the field crew by its level of knowledge of collections system construction activities, its involvement in project planning and its responsibility for leadership of the crew.

Typical Duties/Examples of Work

1. Assists Supervisor in laying out area of excavation; directs equipment operators and other crew members in making excavations; measures, cuts, and directs placement of shoring; performs soils analyses; directs traffic controls and set-up.

2. Determines methods and materials to use in replacing various types of pipe; directs crews and assists in preparation, placement, and back filling; performs competent person function at job sites; assures OSHA and City Human Resources Administrative Rules and bureau operating policies are followed.

3. Directs crew and assists with the installation of cured in place pipelining and man hole rehabilitation systems; tests for air quality; directs and performs confined space entry.

4. Directs crew and assists in construction of manholes, sumps, and risers; reads and interprets engineering drawings; sets grade using laser; determines bedding and soil compaction. Plans and implements projects to minimize environmental impacts.

5. Observes crew members for safe work habits; explains requirements and corrects improper actions; provides leadership to crew; sets an example of quality workmanship and team building; schedules and directs work of skilled and semi-

skilled workers; trains new employees as needed; resolves work quality or personality conflicts with crew members; refers problem issues to supervisor.

6. Completes report forms in a timely manner and legibly writes description of work performed; uses computer to track time, materials, and equipment used on each project; responds to citywide emergencies.

7. Responds to calls to work during emergencies.

8. Performs related duties as assigned.

Required Knowledge, Skills and Abilities

Knowledge of: methods, materials and tools used to construct, repair, and replace sanitary and storm sewer systems related services; methods and materials used in shoring deep trenches and shafts; methods and materials approved for back filling excavations; Oregon Safety Code chapters covering sanitary and storm sewer construction and maintenance activities; City Code Title 10, Erosion And Sediment Control, and Best Management Practices to minimize projects' impact on the environment.

Ability to: learn and use safe working practices; read grade stakes and blue prints; read and interpret gas detector; provide leadership to work crew; work effectively with co-workers in a diverse workforce, and respond appropriately to question/concerns from other employees and the public

Skill in: establishing and maintaining effective working relationships with subordinates, other employees and the general public; use a computer; performing measurements and arithmetic computations including multiplication, division, fractions, decimals and conversions.

Special Requirements

Valid Class "A" Commercial Driver's License; confined space certification; competent person certification; shoring certification; some positions may require additional endorsements, certifications or licenses.

Classification History:

Adopted: 2-03-99:
Class created as a result of DCTU Classification and Compensation Study 1998-99. This class is composed of the following classes:
1230 Sewer Construction Crew Leader Revised 04-17-79

Revised: 7-02-04

June 2009 - Change Job Class number from 1230 to 30000095, due to system change.

Working Conditions

Work in this class is typically performed in a field environment. Incumbent is typically required to negotiate rough terrain; to lift up to 100 pounds; to work outdoors in all weather conditions; to be called back to work during emergencies; to work in and around traffic and confined space; to be exposed to hazardous materials; to wear protective gear.