

CLASSIFICATION SPECIFICATION

CITY OF MARYSVILLE

Date: July 2020

CLASSTITLE:	Wastewater Collection Operator	JOB CODE:
WORKING TITLE:	Wastewater Collection Operator	FLSA STATUS: Non-Exempt
REPORTSTO:	Wastewater Collection Operator II/III Public Works Director	HIRINGSTATUS: Career

JOB SUMMARY

Wastewater Collections Operators are responsible for semi-skilled tasks in the construction, maintenance, and repair of wastewater system facilities; operating a variety of light and moderately heavy power driven equipment; and ensuring public health and safety by preventing and/or responding to sewage overflows and blockages. They inspect, clean, maintain, construct, and repair wastewater collection systems including sanitary sewers, storm drains, pump stations, pipes, manholes and catch basins.

REPRESENTATIVE DUTIES

Performs a full range of general maintenance and cleaning duties related to the wastewater collection system; cleans and rods sewer mains and laterals; operate a high pressure rodder, manual power rodder, and hand rodder to remove debris from inside pipe; vacuums debris from lift stations and related structures; cleans storm drains using high pressure water sprayer and vacuum.

Inspects large main sewers for necessary repairs; inspects for proper sewer lateral connections; builds dams in sewer lines to divert flow during maintenance operations; examines and tests sewers to determine causes of street depressions.

Performs a full range of general repairs duties related to the wastewater collection system; performs trenching, shoring, and backfilling; repairs gravity mainline and force mains; repairs laterals; removes roots; repairs infiltration sealing and grouting; installs and maintains manholes; raises manhole to proper grade; installs and rebuilds airvac; removes weeds and debris from pump stations, easements, grounds, and outfall lines.

Repairs asphalt and concrete after repairs to wastewater collection system; repairs concrete sidewalk panels; assists patch crews in laying new asphalt in the streets; makes temporary street patches as necessary.

Operates closed circuit televising inspection system; televises understand sewer lines, storm drains, and sewer laterals; identifies any sings of blockages/debris that may interrupt flow of the sanitary sewer or storm drains; identifies major problems with pipes including cracks, damage, holes, and collapsed pipe; tests sewer systems for faulty connections or breaks as well as for illegal connections.

Locates sewer lines including the use of a magnetic locator; provides assistance to contractors and other utility companies in the field.

Operates a variety of vehicles, equipment, and tools including service trucks, dump trucks, water trucks, vacuum trucks, skip loader, backhoe and related attachments, large trailer, trench tamper, hydro tamper, concrete and asphalt cutting saws, root saws, jackhammer, and hand and power tools; loads and unloads vehicles and equipment.

Inspects and maintains assigned equipment and vehicles; performs safety checks and checks fluid levels of vehicles and equipment; inspects and maintains safety related equipment including air monitoring devices, signs use for traffic controls, shoring jacks and pumps, fall protection gear, and first-aid kits; cleans assigned vehicles and equipment.

Performs work in confined spaces; performs necessary precautions prior to entering confined spaces with potential hazardous atmospheres; use air quality monitors and ventilators.

Sets traffic control including safety devices, sign, and barricades; ensures safety of public and work crew.

Serves in emergency standby capacity; provides customer service and performs all aspects of collection system maintenance and repair during after-hours periods including holidays and weekends.

Provides courteous customer service in a variety of conditions; responds to questions and inquiries from the general public; contacts property occupants in connection with sewer maintenance work, responds to customer problems or complaints.

Maintains records of basic operations, maintenance and work performed; calculates quantities of materials and supplies used; maintains records related to the time and cost of jobs and man hours; inputs work activities into asset management program.

May serve as lead when assigned over a small crew including temporary workers and lower level employees; participates in training new employees in work practices and how to apply policies, procedures, and standards to specific situations.

Knowledge of:

Operational characteristics of wastewater collection systems; materials, methods, techniques, and terminology used in maintenance and repair activities related to the maintenance and repair of wastewater collections system infrastructure including how repair parts are applied to the wastewater system including couplings, stainless steel bands, and types of grades of pipes; operational characteristics of maintenance and construction equipment and tools used in work activities; proper procedures used in the maintenance and repair of hand and power tools; practices and procedures of traffic control; basic mathematical principles; pertinent federal, state, and local codes, laws, and regulations; basic principles and practices of record keeping; occupational hazards and standard safety practices including those associates with working in confined spaces; principles and practices of customer service.

Ability to:

Perform a variety of manual and semi-skilled tasks involved in the maintenance and repair of the wastewater collection system; perform a variety of tasks for extended periods of time and in unfavorable weather conditions; perform heavy manual labor; work in closely confined spaces while wearing a respirator; read maps, blue prints, and diagrams; ensure adherence to safe work practices and procedures; ensure safety around work areas in high traffic; prepare and maintain records including time and material use records; interpret and apply policies, procedures, and standards to specific situations; perform mathematical calculations; respond to collection system maintenance/repair emergencies; safely drive and skillfully operate equipment and machinery including service trucks, dump trucks, water trucks, vacuum trucks, skip loader, backhoe, large trailers, trench tamper, hydro tamper, concrete and asphalt cutting saws, root saws, jackhammer, and hand and power tools; understand and follow oral and written instructions; demonstrate an awareness and appreciation of the cultural diversity of the community; communicate clearly and concisely, both orally and in writing; establish and maintain effective working relationships with those contacted in the course of work.

SPECIAL REQUIREMENTS:

Wastewater Collections Operator:

Possession of a Grade 1 entry Level or higher collection system maintenance certification (CWEA) and/or a current wastewater operator in training certification or higher preferred and/or the ability to obtain within 6 months of appointment.

Possession of a valid Class "B" Commercial Driver's License and/or the ability to obtain one within 6 months of appointment. (Air Brake and Tanker Indorsements)

EXAMPLE EXPERIENCE AND TRAINING:

WASTEWATER COLLECTIONS TECHNICIAN

WASTEWATER OPERATOR IN TRAINNING

Education/Training: Equivalent to the completion of the twelfth grade

Experience: One year of general maintenance and construction experience preferred

License: Possession of a valid Class C driver's license at time of appointment.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT:

Work is performed at City wastewater facilities and infrastructure; required to perform moderate physical work, and lift and carry up to 100 pounds; may be exposed to safety hazards, hazardous chemicals, infectious disease, and dangerous tools and equipment. Physical dexterity is required to work in confined spaces and use precision tools and equipment; requires vision capacity to perform fine calibrations and take readings.