

Job Information

Job title	Utility Locating Technician		Job Code: UTLCTC	Pay Grade: H
Title of immediate supervisor	Support Services Supervisor – Public Works			
Department/Division	Engineering / Public Works			
Prepared by	Kristine Kelly			
Date Created	May 14, 2015	Revised date	January 17, 2025	

Job Purpose

Prevents damage to underground utilities owned by Saanich and external utilities such as BC Hydro, Fortis Gas and telecommunications in accordance with the Gas Act and WorkSafe BC. Performs work locating and marking of a variety of underground utilities for maintenance, repair, emergencies and capital projects. Is a subject matter expert in utility locating and the Ground Disturbance SWP. Provides sections with expert advice, training, orientation and education related to underground locating and the application of the Ground Disturbance Safe Work Practice. Directs the work of others related to the Underground Disturbance Program.

Duties and Responsibilities

- Locates and accurately marks buried utilities such as gas, hydro, water, sanitary and storm sewer, cable, telephone, street lighting and fibre optic on a variety of job sites as per applicable regulatory requirements.
- Uses a variety of locating equipment including electromagnetic locating equipment, ground penetrating radar (GPR) and metal detectors to locate buried utilities.
- Interprets visual information generated by the GPR unit to locate utilities and differentiate between man-made structures and native materials such as bedrock or tree roots.
- Alters locating methodology to troubleshoot abnormal site conditions and to find difficult to locate utilities.
- Directs the work of staff locating, marking and daylighting underground utilities as well as administering the BCONE Call program.
- Assists in the development of new/revised related safe work practices; and subsequent related training.
- Reads and interprets plans, as-builts/record drawings, construction drawings, utility owner plans, survey information, reports and environmental cues in order to accurately mark underground utilities.
- Liaises with both internal and external agency representatives on job sites to troubleshoot when utilities cannot be traced or when the location does not match the utility owners drawings.
- Assists with preplanning projects by gathering underground utility locate information.
- Performs work in accordance with related industry standards, regulations, legislation, Traffic Management Manual and WorkSafe BC.
- Assists with hiring utility locators for vacation, sick and workload relief.
- Trains others to perform utility locating duties including instruction in the use of utility locating equipment, methods, procedures and safe work practices.
- Provides guidance and advise on the application of the Ground Disturbance Safe Work Practice out in the field
- Services, maintains, repairs and orders new equipment and replacement parts.
- Maintains a variety of records of requests for locates and information regarding underground infrastructure.
- Responds to BCONE Call requests by phone, fax and email by providing GIS maps including all Saanich-owned infrastructure as required.
- Assists with the BCONE Call administrative processes including initiating BCONE Call tickets and putting together UG packages for sections on an as needed basis.
- Performs other related duties as required.

Qualifications

- Grade 12 or equivalent and additional courses in plan reading and underground utility locating.
- Registered Utility Locator Technician (ASTTBC) or other approved designation is an asset.
- BCMSA Utility Locator Specialist certificate, NULCA (National Utility Locating Contractors Association) certification or approved equivalent.
- Three years of experience working in a public works construction environment, including one year of experience reading and interpreting engineering drawings and locating buried infrastructure.
- An equivalent combination of education and experience may be considered.
- Valid Traffic Control Certificate as required
- Valid Class 5 BC Driver's Licence.

Physical Requirements

Sufficient health, physical conditioning, strength, stamina and coordination to permit performance of work including lifting utility lids which can range between 13 lbs and 100 lbs.

Working Conditions

Works the majority of the day outside in all types of weather and ground conditions.