CLASS TITLE: **Caulker**

CHARACTERISTICS OF THE CLASS: Under supervision, performs skilled work in the installation and maintenance of pipe for water services and water mains, and the repair of underground leaks in the municipal water distribution system; and performs related duties as required.

ESSENTIAL DUTIES: Reads work orders and inspects work sites to assess extent of work required and to determine installation and repair methods to use; ensures adequate supplies of tools and materials needed to repair damaged or broken water mains are at work sites; operates control water supply in preparation of installation and repair work; installs repair clamps and cuts pipe to remove and replace damaged and defective piping; assists work crews in the installation of new water main pipes; connects and reconnects length of pipe with appropriate fittings and makes and seals joints using hand and pneumatic caulking tools; repairs and replaces water valves, fire hydrants and other appurtenances found in water distribution systems; operates specialized equipment and tools including pipe threaders, pipe cutting machines and cutting torches; prepares work activity reports.

RELATED DUTIES: Loads, transports and unloads equipment and supplies; cleans equipment and work site after repairs.

MINIMUM QUALIFICATIONS:

**Training and Experience.** Three years of progressively responsible experience in the installation and repair of water mains and other pipe systems; or an equivalent combination of training and experience.

**Knowledge, Abilities and Skill.** Good knowledge of the work methods and techniques used in the laying of pipe and the repair of leaks in water distribution systems. Good knowledge of work methods used in the sealing of joints and the caulking of pipes. Good knowledge of safety practices and procedures.

Ability to follow work orders and oral instructions. Physical ability to use the tools and equipment used in the repair and installation of water mains. Ability to access work areas located below ground level or in confined or cramped areas. Ability to prepare work activity reports.
Skill in the repair of leaks and the installation of pipe in water distribution systems. Skill in the use of tools and equipment of the trade. Basic math skills. Basic oral and written communication skills.

Physical Requirements. Ability to frequently lift and carry equipment, tools and supplies weighing up to 75 pounds frequently and up to 100 pounds occasionally.

Working Conditions. Unavoidable exposure to extreme temperatures and exposure to fumes, dust and noise. Work is typically performed below ground and in confined or cramped areas.

Equipment. Two way radio and safety equipment.

NOTE: While the list of essential duties is intended to be as inclusive as possible, there may be other duties which are essential to particular positions within the class.