

CANAL OPERATOR I

Definition:

Under direct supervision, operates and maintains the flow of water in canals and performs related work as required.

Distinguishing Characteristic:

Employee is expected to have a working knowledge of the canal system and how it is regulated and controlled. Employees within this class are distinguished from the Canal Operator II by the performance of the more routine tasks and duties. Since this is an entry level class, employees may have only limited work experience. Employees are in training and expected to promote to the II, or journey level, as they acquire experience and knowledge of the Agency's system. They receive direct supervision from higher level supervisory staff. They will be expected to gain greater knowledge of specific areas as they gain more experience. This job requires daily walking on uneven surfaces and operation of a motor vehicle both on and off paved roadways. It requires frequent kneeling, bending, stooping and lifting (up to 50 lbs). The work is predominantly outside in all types of weather with exposure to heat, cold and wet conditions. Must traverse irregular and steep terrain on a regular basis and be aware of the sights and sounds that could indicate potential danger. Must take measurements of water flow, orifice sizes and water depth.

Examples of Duties:

- regulates water in canals and through spills;
- checks and cleans trash racks and meters;
- checks head gates and services;
- installs and removes check boards;
- changes orifices, slide plates and jumbo plates;
- assists in cleaning canals;
- makes locks and unlocks on services;
- completes spill records, daily reports; work orders, field service tags
- notifies customers of water shutdowns;
- answers trouble calls and complaints on a stand-by basis after normal working hours and performs related duties as required;
- work with computerized SCADA system;
- perform related duties as required.

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Qualifications:

Knowledge of:

- standard practices and procedures for the operation and maintenance of canals, spills and other raw water appurtenances;
- safe work practices and safety regulations;
- operation and use of SCADA system;
- basic mathematics.

Ability to:

- work with customers courteously and effectively;
- understand and carry out oral and written instructions;
- complete in written form daily work orders, field service tags, spill records;
- read plans, maps and sketches;
- operate a motor vehicle skillfully and safely;
- follow safe work practices;
- work unusual shifts such as weekends, evenings and holidays when required;
- use a variety of tools and equipment;
- establish and maintain cooperative working relations with others.

Education/Experience:

Sufficient education, training and experience to demonstrate the knowledge, skills and abilities listed above. These would normally be acquired by completion of high school and two years of experience in maintenance or operation of canals or an equivalent combination of training and experience.


License/Certificates:

Must possess and maintain a valid California driver's license with an acceptable driving record.

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Assistant General Manager

Dated: _____, 2009.

	Bargaining Unit		Water Systems
	FLSA Exempt		No
	Workers Comp Code		7520
	Class Code		80503
	Job Specification	Date	Range
	Established:	12/5/84	
Revised:	2/17/09	33.0	