

PUMPING STATION MAINTENANCE

NATURE OF WORK

This is a responsible level of specialized work in the operation and maintenance of the pumps, buildings, and grounds at the reservoirs and all water distribution locations.

Work involves the maintenance of water pumps, including the adjustment of pumping rates, maintaining standard pumping charts and records, and the cleaning and maintenance work required on all associated premises and equipment. Assignments are made by the Director of Engineering and/or the Manager of Water Resources. Assignments may include working with the Water Distribution and Meter Crew when required. After training, work is performed under general supervision and is reviewed through occasional inspection, discussion of problems, examination of records prepared and maintained, and through the observation of results obtained.

ILLUSTRATIVE EXAMPLES OF WORK Any one position may not include all of the specific duties listed, nor do the examples cover all of the duties which may be performed.

Inspects all pumps, motors, and equipment relating to the Water Distribution system daily or as assigned; performs related maintenance.

Reads meters and gauges; records information; takes water samples and performs standard tests for chlorine content, and other parameters as needed.

Takes special meter readings as required; turns off or on public water service as assigned; installs and/or removes new and used meters; installs remote dials.

Contacts Water Plant to ascertain reservoir levels, pressures, and pumping rates.

Maintains pump station and all internal equipment as well as the grounds immediately surrounding the stations; cleans, mops; paints, mows, performs snow removal or any other routine tasks.

Cleans shop areas; washes and cleans trucks.

Performs related work as required.

REQUIREMENTS OF WORK

Graduation from standard high school or vocational/technical school; some experience in general maintenance or water maintenance work; or an equivalent combination of training and experience to provide the following knowledges, abilities, and skills:

Knowledge of the operation and processes of a water pumping station and of its operating relationship to the water treatment plant and distribution system.

Knowledge of impeller pumps and emergency power systems.

Knowledge of the occupational hazards involved and the safety precautions necessary for the performance of his duties.

Ability to read meters and gauges and to act quickly and independently in operational emergencies.

Ability to use standard mechanical tools necessary in making limited emergency repairs to motors, pumps, and related equipment.

Ability to follow detailed and general oral and written instructions.

Ability to prepare and maintain limited operating records.

Ability to make simple chemical tests at a level which can be quickly learned on the job.

SPECIAL REQUIREMENT

Achievement of the Illinois Class D Operators License is desirable, but not required.

Possession and maintenance of a valid Class C Illinois Motor Vehicle License.