

SLUDGE PLANT OPERATOR (WTP)

DISTINGUISHING FEATURES OF THE CLASS:

This position oversees the operation of the Sludge Plant of a municipal water treatment plant. The incumbent is responsible for the daily operation of the sludge thickening plant, including but not limited to, processing treated solids through the addition of chemicals, transferring sludge to holding tank and thickening sludge in centrifuges. In addition, this position coordinates the hauling of sludge to disposal sites and maintaining operational records. This position would be expected to assist mechanics when performing breakdown inspections and repairs. Work is performed under the general supervision of the Sr. Water Treatment Plant Operator. Supervision over the work of other employees is not normally a function of this position.

TYPICAL WORK ACTIVITIES:

The following is indicative of the level and types of activities performed by incumbents in this title. It is not meant to be all inclusive and does not preclude a supervisor from assigning activities not listed which could reasonably be expected to be performed by an employee in this title.

1. Plans, schedules and operates the thickening process to insure optimum processed solids content and continuous operation of the water treatment facility;
2. Selects and applies chemical dosages for thickeners and centrifuges;
3. Performs troubleshooting of pumps, thickeners, centrifuges and appurtenances;
4. Performs light maintenance of equipment including greasing, oil changes and adjustments;
5. Assists mechanics with minor repairs;
6. Maintains operating and maintenance records;
7. Maintains clean and orderly facility.

FULL PERFORMANCE KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge of sludge thickening process to insure continuous operation of the water treatment facility;
Knowledge of the preparation and application of chemicals;
Knowledge of maintenance procedures for mechanical equipment including centrifuges, process and chemical pumps and other equipment that may be involved in the daily operation of the facility;
Skill in using spreadsheet and other computer programs to keep detailed operating and maintenance records;
Ability to schedule and coordinate sludge plant operation with the water treatment facility and sludge disposal constraints;
Ability to communicate both orally and in writing;
Personal characteristics necessary to perform the duties of the position;
Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Graduation from high school and two years of paid work experience in a position involving the processing of water treatment plant sludge.

SPECIAL REQUIREMENT:

Eligibility for Grade IIA New York State Water Treatment Operator's License.

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ADOPTED: 06/30/99