

ASSISTANT PLANT OPERATOR II

DISTINGUISHING FEATURES OF THE CLASS: This is work of a semi-skilled nature performed in a wastewater treatment plant during an assigned shift. The work is performed under the direct supervision of an appropriately licensed operator with some latitude for independent judgment. The work of this position differs from that of a lower-level Assistant Plant Operator I in that this position operates the sludge dewatering system including maintenance and repair of dewatering equipment, performs some basic plant sample analysis and provides work direction to the Assistant Plant Operator I. Incumbents may be required to work during other than regularly scheduled hours and may be required to work rotating shifts. In addition, incumbents may be required to remain on duty at the end of a shift to maintain minimum shift staffing levels. Does related work as required.

TYPICAL WORK ACTIVITIES:

Receives complaints from the general public regarding problems such as sewer overflow or odors and notifies supervisor of same;
Monitors plant alarms and checks pump stations and alerts supervisor of any problems;
Sets up drums of chemicals, mixes chemicals, changes containers, turns dosing pumps on and off and calculates dosage and consumption under general direction;
Makes routine check of treatment plant equipment, maintains logs and notifies supervisor of unusual readings or problems;
Takes readings and assists in spot-checking instrumentation for correct and accurate operation;
Turns pumps and other equipment on/off under general supervision;
Assists in pump and equipment maintenance and repair;
Mows grass, trims bushes, removes leaves and cleans up around the plant to ensure safe and sanitary conditions;
Under general guidance operates the sludge dewatering system including sludge pumping;
Mixes and applies chemicals to sludge and adjusts the sludge feed and belt speed as needed;
Operates valves to sludge storage tanks;
Connects sludge trailer to tractor and maneuvers it under conveyor for loading;
Does maintenance and repair of dewatering equipment under general direction;
Checks odor control system gauges and indicators and surveys the plant for odors;
Sets up automatic samplers in the plant and at industrial sites and does basic plant sample analysis;
Monitors and removes screenings and grit as needed;
Adjusts flow distribution to channels and tanks.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERSTICS:

Good knowledge of the practices, tools and material required in the operation and maintenance of a wastewater treatment plant and associated buildings; good knowledge of the operation and repair of pumps, valves and related mechanical equipment; good knowledge of the practices used in the operation of a sludge processing plant and related equipment; ability to operate and program minor maintenance and repair to the equipment; ability to read and understand operating manuals and record data accurately; ability to use computer software applicable to wastewater treatment plant operations and maintenance; ability to understand and carry out oral and written instructions; mechanical aptitude.

(over)

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma; and

1. Three (3) years of paid work experience at any level in a wastewater treatment plant; and
2. Successful completion of both the Wastewater Treatment Plant Basic Operations Course and the Laboratory Proficiency Course as certified by the NYS Department of Environmental Conservation.

SPECIAL REQUIREMENT: Possession of a New York State driver's license appropriate to the kind and size of vehicle to be operated.