

# **North Davis Sewer District**

## **Job Description**

Class Title: Plant Operator I	Job Code: 245
Department: Operations	Pay Grade: 6
	Effective Date: 3/91
	Last Revised: 1/12

### GENERAL PURPOSE

Performs a variety of entry level technical and skilled duties related to the monitoring and operation of treatment plant equipment and systems to assure efficient processing of influent raw sewage.

### SUPERVISION RECEIVED

Works under the close to general supervision of the Plant Superintendent. Receives immediate supervision from shift lead workers and co-workers while in training.

### SUPERVISION EXERCISED

None.

### ESSENTIAL FUNCTIONS (Performs some or all of the following at entry level or on a training basis.)

Checks and assures that all stages of the wastewater treatment processes are operating as required to maintain treatment efficiency and comply with the District's permit; Performs routine duty rounds of treatment plant's processes and documents various meter readings. Follows District's Standard Operating Procedures to perform routine operational tasks.

Monitors plant SCADA control panels and operation processes throughout entire treatment process. Responds to alarms and notifies appropriate personnel of such alarms.

Operates valves, pumps, and various other equipment and devices necessary to effectively operate treatment processes and rotate through offline equipment and processes.

Takes laboratory samples from various stages of treatment process; Checks DO, ORP, PH, CL2 Residual, and ammonia meter calibrations. Records and reports any discrepancies.

Performs general equipment maintenance and cleaning; operates high pressure cleaning equipment. Operates various plant heavy equipment such as backhoe, front end loaders, brown bear, etc.

Performs general plant maintenance and cleaning; mops and waxes floors; cleans and maintains all plant vehicles to maintain an acceptable appearance. Cleans and paints walls, floors, equipment, and piping to maintain plant appearance; landscapes and maintains plant grounds; assists in cleaning all process tanks, and equipment as needed. .

Performs related duties as required, or other tasks as assigned.

### MINIMUM QUALIFICATIONS

#### 1. Education and Experience:

- A. Graduation from senior high school;
- AND
- B. Two (2) years of general work experience , preferably in treatment plant operations;
- OR
- C. An equivalent combination of education and experience.

D. Ability to lift 50 pounds.

2. Required Knowledge, Skills, and Abilities:

Some knowledge of technical treatment plant equipment and machinery and its operation maintenance and repair; some knowledge of plant processes; some knowledge of hazards and precautions associated with plant operations and processes; some knowledge of laboratory procedures and the chemical and physical process involved in waste water treatment.

Ability to communicate effectively, verbally and in writing; ability to operate a variety of types of hand and power tools related to the maintenance of plant facilities and equipment; ability to develop working relationships with supervisors and co-workers.

3. Special Qualifications:

Must possess or obtain within 18 months, a Wastewater Treatment Operator Certification Grade I.

Must possess a valid Utah State Driver's License, and a Class B CDL within 12 months.

Must be willing to work rotating shifts and be on-call (24 hour).

WORK ENVIRONMENT

Daily exposure to hazardous conditions such as: working on high ladders and in manholes; daily potential for hazardous exposure to methane, hydrogen sulfide and chlorine gases; daily potential for hazardous exposure to oxygen deficient atmosphere; daily exposure to seasonal changes and weather extremes; daily potential for hazardous exposure to electrical shock, industrial wastes and raw sewage (containing pathogens such as typhoid, paratyphoid, dysentery, polio, tetanus, etc.); daily exposure to moving parts and equipment such as pumps, motors, heavy equipment, etc.; daily exposure to stressful environmental conditions such as dust, fumes, dampness, cold, heat and noise.