

Timpanogos Special Service District
Job Description

Job Title: Plant Operator I	Job Code: 608
Department: Operations	Effective Date: 12/07
	Last Revised:

GENERAL PURPOSE

Performs a variety of **entry level, technical duties** related to the operation, maintenance and repair of treatment plant equipment to ensure efficient processing of influent raw sewage and compliance with discharge permit requirements.

SUPERVISION RECEIVED

Works under the general guidance and direction of the Operations Foreman.

SUPERVISION EXERCISED

None.

ESSENTIAL FUNCTIONS

Work is supervised to assure efficient and effective operations and timely completion of designated projects.

Checks and assures that all stages of the wastewater treatment processes are maintained in working condition; periodically checks pumps, flow, mechanical, and chemical processes and pump stations.

Monitors plant control panels and operation processes including raw pumps, station alarms, final clarifiers, hypo-chlorite building, raw sludge pump house, digester facility and generator facility.

Inspects plant head works such as bar screens, grit chambers and air lift pumps; observes operations to assure proper processing of influent waste and effluent water; checks chlorination equipment and U.V. system for efficient operation.

Operates valves and pumps necessary to transfer sludge to digester; monitors valving, pumps, gauges, levels, temperatures, pressures and processes; records daily readings on various charts; prepares and sets up valving for transfer pumps.

Performs comprehensive daily rounds. Completes check list and logs as required.

Monitors valves, pumps, gauges, and processes in raw sludge pumping building; makes daily readings and records findings; checks sludge lines and pumps for plugging; cleans pumps as needed.

Pumps scum from clarifier scum sumps to digester through variable speed raw sludge pumps; revalues as needed to minimize transfer of water; maintains clean, unobstructed processing equipment.

Takes laboratory samples from various stages of treatment process; calibrates gauges, meters and measuring devices. Fills out necessary information for chain of custody.

Performs assigned equipment maintenance and cleaning; cleans sludge pumps, removes sticks and other obstructions; removes debris clogging grease troughs and clarifiers; back pumps as needed to clear lines; operates high pressure cleaning equipment. Cleans bar screens and removes obstructions.

Performs general plant maintenance and cleaning on buildings; mops and waxes floors; performs other custodial type duties; collects bar screenings; may haul debris to disposal sites; assists with painting of various plant areas; assists in cleaning

clarifiers and transporting sludge; assists with composting operation. May assist Buildings and Grounds personnel.

Performs related duties as assigned by Foreman, Lead Operator or District Management.

MINIMUM QUALIFICATIONS

1. Education and Experience:

- A. Graduation from a standard senior high school;
OR
- B. G.E.D.;
AND
- C. Two (2) years of progressively responsible experience in treatment plant operations;
OR
- D. An equivalent combination of education and experience.

2. Required Knowledge, Skills and Abilities:

Some knowledge of technical treatment plant equipment and machinery and its operation, maintenance and repair; plant processes; hazards and precautions associated with plant operations and processes; laboratory procedures and the chemical and physical process involved in wastewater treatment. **Ability to** understand and interpret laboratory data derived from wastewater samples; make appropriate decisions in emergency situations; interpret and apply laws governing wastewater treatment; communicate effectively, verbally and in writing; develop working relationships with supervisors and co-workers. Maintains accurate operating records.

3. Special Qualifications:

- Must possess or obtain within 18 months a grade I Wastewater Treatment Operator certification.
- Must possess a valid Utah State Driver License.
- Must be possess or be able to obtain a Class B Commercial Driver License (CDL)
- Must be willing to work shift work and be on-call 24 hours per day.
- Must pass alcohol and drug test.

WORK ENVIRONMENT

Moderately heavy physical activity, requiring lifting, pushing or pulling weights up to 100 pounds or more. Uncomfortable working positions at times. Intermittent sitting, standing and walking. Subject to hazardous gases, corrosive or acidic conditions, biological and chemical hazards and pathogens. Moderate exposure to heat, dampness, cold, noise, fumes, dust or grease, equipment noise and moving vehicles and machinery. Exposure to raw sewage and industrial waste. Some stress as a result of human behavior, stringent need for accuracy, meeting deadlines and completing work volume. Subject to call out and overtime work.

DISCLAIMER: The above information is intended to describe the general nature of this position and is not to be considered a complete statement of duties, responsibilities, requirements or knowledge, skills & abilities.

I, _____ have reviewed the job description. Date: _____

