

# Job Analysis Form

Alternate Format Available



King County

## SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

Physical Required: General physical, Diabetes, BP, Vision, Back strength and lifting, Audiogram, and Drug Screen.

PATIENT NAME: \_\_\_\_\_

JOB TITLE: Wastewater Treatment Operator (Senior)

DEPARTMENT: Natural Resources, Wastewater

WORK SCHEDULE: 4-10s/week

JOB DESCRIPTION: Serves in a lead capacity in a work group responsible for operating, troubleshooting and monitoring wastewater treatment and odor control equipment, systems and processes in a wastewater treatment facility and/or collection system and conveyance system. Responsibilities include coordinating, training and providing technical expertise to other wastewater treatment operations staff and coordinating on-site responses to unusual occurrences and emergencies.

WORK ENVIRONMENT: Wastewater Treatment Plant/All weather conditions

ESSENTIAL FUNCTIONS: This position is expected to perform the duties and responsibilities of an Operator In Training (OIT) and Operator and will perform the following additional duties: Serve in a lead capacity to operate, monitor, troubleshoot, and maintain wastewater treatment and odor control equipment and biological, chemical, mechanical and hydraulic processes. Provide advanced level troubleshooting, problem-solving, coordination and decision-making when performing duties particularly in on-site unusual and/or emergency situations. Be on call after hours for such situations. Recommend and/or determine changes to wastewater process to meet federal and Washington State permits and regulations and to optimize plant performance. Provide broad, in-depth on-the-job training to other wastewater operations staff. Plan, schedule, coordinate and perform maintenance for assigned wastewater facilities, systems and processes. Serve as technical resource to the other staff, the general public and external agencies. Plan, schedule and coordinate activities with process control, maintenance, facilities services, off-site facilities services and other crews to exchange information on wastewater operations, maintenance and processes. Coordinate and perform on-site response to unusual occurrences and emergencies. Operate, monitor and control wastewater equipment and systems with complex computer systems. Assume the full operational responsibilities for rotating shifts and other operations in the absence of the Wastewater Treatment Supervisor. Assist Supervisor with performance feedback and evaluation of staff.

Exposures:

- Outside weather
- Non-weather related temp below 55°
- Non-weather related temp above 75°
- Humidity/dampness
- Moving mechanical parts
- Exposed high places
- Vibration
- Toxic or caustic chemicals
- Confined spaces
- Wet  Gasses
- Fumes  Odors
- Dusts  Mists
- Radiation  Explosives
- Noise Level 90 DBL
- Other \_\_\_\_\_

Special Requirements:

- CDL  Respirator use

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PHYSICAL DEMAND	HRS PER SHIFT
Standing	1 – 6 hours
Walking <input checked="" type="checkbox"/> uneven terrain	1 – 5 hours
Sitting	4 – 8 hours
Climbing stairs	5 min – 2 hours
Climbing <u>ladder</u>	5 min – 1 hour
Balancing	5 min – 2 hours
Bending/Stooping	5 min – 3 hours
Kneeling	5 min – 2 hours
Crouching	5 min – 1.5 hours
Crawling	0 – 30 minutes
Foot controls	5 min – 4 hours
Reaching above shoulders	5 min – 3 hours
Reaching waist-shoulder	3 – 6 hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	5 min – 1.5 hours
Reaching floor-knee	5 min – 2 hours
Lifting/Carrying 1-10#	5 min – 8 hours
Lifting/Carrying 11-20#	5 min – 8 hours
Lifting/Carrying 21-50#	5 min – 6 hours
Lifting/Carrying 51-100#	5 min – 1 hour
Lifting/Carrying 100+#	0 – 15 minutes
Handling	4 – 10 hours
Hand Controls	3 – 10 hours
Fingering <input checked="" type="checkbox"/> keyboarding	5 min – 1.5 hours
Vision to assure safety of others	8 – 10 hours
Hearing to assure safety of others	8 – 10 hours
Other	

I have reviewed the following Job Analysis for the above-named candidate.

\_\_\_\_\_  
Physician's Signature

\_\_\_\_\_  
Date