

PHYSICAL REQUIREMENTS

JOB TITLE: Waste Water Operator I

MACHINES, TOOLS, EQUIPMENT, WORK AIDS USED:

Jackhammer, rodding equipment, jet rodders, water truck, belt press, hand tools, power tools, hoist, electrical meters, lawn mowers, weed eaters, tractors, shredders, dump truck, sludge spreader, computers, lab equipment, skid steer loader and attachments, TV camera equipment, portable samplers, portable flow meters, safety equipment, steam cleaners, janitorial equipment, backhoe, front end loader, compactor, welders, portable generators, portable pumps, electric and hand powered winches, concrete mixer, wheel barrow.

MATERIALS AND/OR PRODUCTS HANDLED:

Waste water, polymer, hypochlorite, chlorine, lab chemicals, sludge, sewer pipe, manhole apparatus, petroleum products, concrete, waste water grease, waste water rags, lubricants.

WORK ENVIRONMENT

PRIMARY WORK SITE: (AMOUNT IN %)

INSIDE: 40 %

OUTSIDE: 60%

BOTH:

TEMPERATURE FACTORS:

☒ EXTREME COLD WITH

☐ OR WITHOUT

TEMPERATURE CHANGES

☒ EXTREME HEAT WITH

☐ OR WITHOUT

TEMPERATURE CHANGES

☒ EXTREME WET OR HUMID WITH

☐ OR WITHOUT

TEMPERATURE CHANGES

NOISE FACTORS:

SUFFICIENT NOISE LEVELS WHICH INTERRUPT CONVERSATION

☐ NOT A FACTOR

☐ CONTINUAL

☒ INTERMITTENT

VIBRATION:

BODY STRAIN FROM REPEATED MOTION OR SHOCK

☐ NOT A FACTOR

☐ CONTINUAL

☒ INTERMITTENT

HAZARDS: Waste water, polymers, hypochlorite, chlorine, gas explosions, electrical shock, diseases, drowning, toxic gases, confined spaces, trenches, slipping, traffic, insecticides and herbicides.

AIR QUALITY FACTORS:

☒ FUMES

☒ DUSTS

☒ GASES

☒ ODORS

☒ MISTS

☒ POOR VENTILATION

☐ NOT A FACTOR

WORKING SURFACE:

☒ EVEN

☐ CARPETED

☒ FLAT/HARD

☒ INCLINED/RAMPS

☒ UNEVEN

☒ STAIRS

☒ LADDERS

☒ CATWALKS, SCAFFOLDS

☒ DRY

☒ WET

☒ GREASE

☒ DUST ☒ NATURALGROUND

REALTIONSHPIS WITH CO-WORKERS:

☒ WORKS ALONE

☒ WITH DIRECTION

☒ WORKS WITH A GROUP

☒ WITHOUT DIRECTION

☒ WORKS WITH A SELECT TEAM

MOBILITY FACTORS					
WALK:	35%	CLIMB:	5%	CRAWL:	1%
				RUN:	
STAND:	35%	SIT:	15%	CROUCH:	5%
				KNEEL :	4%
				PRONE:	
SPECIFIC MOVEMENTS					
KEY: O = OCCASIONALLY		F = FREQUENTLY		C = CONSTANTLY	
TRUNK:					
<input type="checkbox"/> ^F) BEND		<input type="checkbox"/> ^F) TWIST/ROTATE		<input type="checkbox"/> ^O) PUSH/PULL # OF LBS ¹⁰⁰	
<input type="checkbox"/> ^O) CARRY # OF LBS ¹⁰⁰		FOR A DISTANCE OF ¹⁵ FT			
ARMS:					
<input type="checkbox"/> ^F) REACH		<input type="checkbox"/> ^F) WORK WITH ARMS EXTENDED		<input type="checkbox"/> ^F) ARMS BENT	
<input type="checkbox"/> ^O) CARRY # OF LBS ¹⁰⁰		FOR A DISTANCE OF ¹⁵ FT			
<input type="checkbox"/> ^O) PUSH/PULL # OF LBS ¹⁰⁰					
<input type="checkbox"/> ^O) LIFT FROM FLOOR TO WAIST # OF LBS ¹⁰⁰				<input type="checkbox"/> ^F) TWIST/ROTATE	
<input type="checkbox"/> ^O) FROM WAIST TO OVERHEAD # OF LBS ⁵⁰					
<input type="checkbox"/> ^O) HORIZONTALLY # OF LBS ⁵⁰					
LEGS:					
<input type="checkbox"/> ^F) LIFT # OF LBS ¹⁰⁰		<input type="checkbox"/> ^F) BALANCE		<input type="checkbox"/> ^F) TWIST/ROTATE	
<input type="checkbox"/> ^O) PUSH/PULL # OF LBS ¹⁰⁰				<input type="checkbox"/> ^O) FOOT CONTROL	
HANDS:					
<input type="checkbox"/> ^C) GROSS DEXTERITY		<input type="checkbox"/> ^C) FINGER DEXTERITY		<input type="checkbox"/> ^C) GRASP/MANIPULATE	
<input type="checkbox"/> ^C) SPEED REQUIRED		<input type="checkbox"/> ^C) BILATERAL COORDINATION			
<input type="checkbox"/> ^C) EYE/HAND COORDINATION		<input checked="" type="checkbox"/> [✓]) DOMINANCE		<input type="checkbox"/>) RT <input type="checkbox"/>) LT	
COMMENTS ON PHYSICAL REQUIREMENTS:					
<p>This position is very physically demanding, requiring the ability to maneuver in confined spaces, as well as in and all around equipment and apparatus' for the purpose of maintenance, repair and operation. Must have eyesight, two hands, two legs, two feet and must be able to bend, kneel, crouch, and climb.</p>					