

PHYSICAL REQUIREMENTS

JOB TITLE: Waste Water Operator II

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:					
(^F) BEND		(^F) TWIST/ROTATE		(^O) PUSH/PULL # OF LBS ¹⁰⁰	
(^O) CARRY # OF LBS ¹⁰⁰		FOR A DISTANCE OF ¹⁵ FT			
ARMS:					
(^F) REACH		(^F) WORK WITH ARMS EXTENDED		(^F) ARMS BENT	
(^O) CARRY # OF LBS ¹⁰⁰		FOR A DISTANCE OF ¹⁵ FT			
(^O) PUSH/PULL # OF LBS ¹⁰⁰					
(^O) LIFT FROM FLOOR TO WAIST # OF LBS ¹⁰⁰				(^F) TWIST/ROTATE	
(^O) FROM WAIST TO OVERHEAD # OF LBS ⁵⁰					
(^O) HORIZONTALLY # OF LBS ⁵⁰					
LEGS:					
(^F) LIFT # OF LBS ¹⁰⁰		(^F) BALANCE		(^F) TWIST/ROTATE	
(^O) PUSH/PULL # OF LBS ¹⁰⁰				(^O) FOOT CONTROL	
HANDS:					
(^C) GROSS DEXTERITY		(^C) FINGER DEXTERITY		(^C) GRASP/MANIPULATE	
(^C) SPEED REQUIRED		(^C) BILATERAL COORDINATION			
(^C) EYE/HAND COORDINATION		(<input checked="" type="checkbox"/>) DOMINANCE		() RT () LT	
<p>COMMENTS ON PHYSICAL REQUIREMENTS:</p> <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>					