

JOB SPECIFIC REQUIREMENTS

Minimum of one (1) year experience in construction, road maintenance, or other heavy manual labor areas or completion of a recognized vocational trades program and six (6) months experience in construction, road maintenance, or other heavy manual labor areas. Knowledge in the use and care of hand tools used in construction, road maintenance, or other heavy manual labor areas. Knowledge of safety procedures construction, road maintenance, or other heavy manual labor areas. Must have oral and written communication skills as well as the ability to follow verbal and written instructions. Must have the ability to lift, carry, move, or handle up to 70 pounds as well as the ability to perform duties involving physical labor including bending, kneeling, standing, reaching, climbing, stooping, squatting, pushing, and twisting. Must have the ability to perform work outdoors and in inclement weather and the ability to work in a team environment. Must possess a valid driver's license from the state of Washington upon start date. Successful completion of a pre-employment physical examination is required.

ESSENTIAL FUNCTIONS

1. Assists with patching of road pavement sections using asphalt.
2. Provides traffic control on roads.
3. Clears Brush and trees from fence lines, roadside ditches, and around buildings.
4. Assists with vector truck operations to clean catch basins and man holes.
5. Manual and equipment assisted ditch excavation and pipe laying.
6. Construct concrete catch basins and manholes.
7. Weld HDPE pipe and lay out HDPE plastic sheets, visqueen and geotextiles; performs maintenance of and constructs leachate and methane control facilities.
8. Installs and maintains erosion and sediment control measures including silt and litter fences and hay bails.
9. Constructs and maintains bird deterrent grid.
10. Uses proper safety precautions.
11. Installs grade stakes on slopes.

NON-ESSENTIAL FUNCTIONS

Researching products tools, and methods on a computer.

PERSONAL PROTECTIVE EQUIPMENT USED

Hard hat, eye protection, hearing protection, breathing protection (half face respirator with HEPA filter) and safety vest.

OTHER TOOLS & EQUIPMENT USED

Shovel, broom, hoses, pressure washer, pickup truck, forklift, pump, cart, drill, hand tools, grinder, saws-all, handsaw, skill saw, chainsaw, pneumatic air wrench, jackhammer, hand roller, compactors, whacker, hoist, wrenches, hacksaw, computer, edge trimmer, blower, power lawnmower, riding lawnmower, weed eater, lutes (for raking asphalt), pry-bars, hammer, gloves, chaps for chain saw, power pole trimmer, bird poles, machete, ladder, wheel barrow, two-way radio, pump, generator, tie wire, ax, tripod signs, concussion gun, hay bails, rocks, logs, erosion control equipment, pitchfork and various litter items at work sites such as tires and batteries.

PHYSICAL DEMANDS AS JOB IS TYPICALLY PERFORMED

Continuously = occurs 66-100% of the time

Frequently = occurs 33-66% of the time

Occasionally = occurs 1-33% of the time

Rarely = may occur less than 1% of the time

Never = does not ever occur (such demands are not listed)

Highly Repetitive = Repeating the same motion every few seconds with little or no variation for more than two hours total per day.

This job is classified as

Heavy—exerting 50-100 pounds of force occasionally, and/or 25-50 pounds of force frequently, and/or 10-2- pounds of force constantly to move objects.

Standing

Health Care Provider initials if restricted _____

Frequently to continuously on flat linoleum, flat cement, steep inclines, uneven ground, thick vegetation and wet/slippery surfaces, for up to 2 hours at a time for up to 6-8 hours total in a work shift. Most commonly occurs while shoveling, flagging, raking, removing debris from ditches, using a machete, laying/removing/prepping pipes, using a jack hammer, using a chain saw and sawing materials.

Walking

Health Care Provider initials if restricted _____

Frequently to continuously on flat linoleum, flat cement, steep inclines, uneven ground, thick vegetation and wet/slippery surfaces for distances of up to 2 miles for up to 2 hours at a time for up to 6-8 hours total in a work shift. Most commonly occurs while moving from building to building, mowing, using a weed eater, installing bird lines, installing/moving pipe, performing erosion control duties and walking from one end of a job site to the other.

Sitting

Health Care Provider initials if restricted _____

Frequently on an automobile seat, truck tailgate, the ground, pipe, office chair or conference room chair for up to 2 hours at a time for up to 4 hours total in a work shift. Most commonly occurs while driving to and from work sites, driving during inclement weather, performing computer duties, operating riding lawnmowers and operating a forklift as well as attending training and meetings. On a rare occasion the employee may need to fill in as a backup Security Officer which can involve sitting for an entire shift.

Climbing stairs

Health Care Provider initials if restricted _____

Rare for up to 30 seconds at a time while climbing up to 1 flight at a time for up to 2 minutes total in a work shift. Most commonly occurs while entering and exiting various County facilities.

Climbing

Health Care Provider initials if restricted _____

Occasionally on steep inclines, uneven ground, thick vegetation, wet/slippery surfaces and ladders to heights of 10 feet for up to 1 minute at a time for up to 1 hour total in a work shift. Most commonly occurs while traversing steep slopes when clearing vegetation, using a ladder to access bird poles, getting in/out of vehicles, hanging plants, watering plants and installing pipes.

Balancing

Health Care Provider initials if restricted _____

Continuously on wet/slippy surfaces, uneven ground, steep slopes and ladders for up to 3 hours at a time for up to 6-8 hours total in a work shift. Most commonly occurs while traversing a hillside with thick vegetation, ditches, manholes, loading docks and stockpiles as well as when using a chainsaw.

Bending neck up

Health Care Provider initials if restricted _____

Frequently for up to 30 minutes at a time for up to 3-4 hours total in a shift while installing, maintaining and working on bird lines as well as when trimming brush.

Bending neck down

Health Care Provider initials if restricted _____

Continuously & Highly Repetitive for up to 2 hours at a time for up to 6-8 hours total in a work shift. Most commonly occurs while weeding, mowing, using the weed eater, using a jackhammer, raking and shoveling.

Bending/Stooping

Health Care Provider initials if restricted _____

Frequently on wet/slippy surfaces, uneven ground and steep slopes for up to 10 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs while weeding, wrapping hoses, shoveling, using a chainsaw, posthole digging, clearing brush, performing vector truck duties, laying pipe and ditching. The employee may be able to reduce some bending/stooping by alternating with kneeling or squatting during some duties.

Kneeling

Health Care Provider initials if restricted _____

Frequently on wet/slippy surfaces, uneven ground and steep slopes for up to 10 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs while weeding, wrapping hoses, shoveling, using a chainsaw, posthole digging, clearing brush, performing vector truck duties, laying pipe and ditching. The employee may be able to reduce some kneeling by alternating with bending/stooping or squatting during some duties.

Squatting

Health Care Provider initials if restricted _____

Frequently on wet/slippy surfaces, uneven ground and steep slopes for up to 10 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs while weeding, wrapping hoses, shoveling, using a chainsaw, posthole digging, clearing brush, performing vector truck duties, laying pipe and ditching. The employee may be able to reduce some squatting by alternating with kneeling or bending/stooping during some duties.

Crawling

Health Care Provider initials if restricted _____

Occasionally to frequently on flat cement surfaces and dirt for distances of up to 100 feet for up to 10 minutes at a time for up to 2-6 hours total in a work shift. Most commonly occurs while weeding and gardening.

Operating Controls with Feet

Health Care Provider initials if restricted _____

Continuously & highly repetitive for up to 2 hours at a time for up to 8 hours total in a work shift while driving a truck, pickup, mower and forklift.

Reaching above shoulder height

Health Care Provider initials if restricted _____

Occasionally to frequently & highly repetitive for up to 15 minutes at a time for up to 2-6 hours total in a work shift while trimming, pruning, operating a chainsaw and using a machete as well as when working on pipes and bird lines.

Reaching at waist to shoulder height

Health Care Provider initials if restricted _____

Continuously & highly repetitive for up to 2 hours at a time for up to 6-8 hours total in a work shift while driving a vehicle, using a weed eater, pressure washing, and operating hand and power tools.

Reaching at knee to waist height

Health Care Provider initials if restricted _____

Continuously & highly repetitive for up to 1 hour at a time for up to 6-8 hours total in a work shift while using a wheelbarrow, shoveling, operating a weed eater, securing bands on pipes and logs, raking and pressure washing as well as when performing erosion control duties and performing heat fusion for pipes.

Reaching at floor to knee height

Health Care Provider initials if restricted _____

Frequently on wet/slippery surfaces, uneven ground and steep slopes for up to 10 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs while weeding, wrapping hoses, shoveling, using a chainsaw, posthole digging, clearing brush, performing vector truck duties, laying pipe, ditching, picking up litter, performing small equipment repair and planting.

Lifting 1-10 pounds

Health Care Provider initials if restricted _____

Frequently for up to 2 hours at a time for up to 4-6 hours total in a work shift. Most commonly occurs with weights of 7-8 pounds while pressure washing, raking, shoveling and using hand tools.

Carrying 1-10 pounds

Health Care Provider initials if restricted _____

Frequently for distances of up to ½ mile for up to 4 hours at a time for up to 4 hours total in a work shift. Most commonly occurs with weights of 3-8 pounds while transporting tools, carrying a 2-way radio, and using a weed eater.

Lifting 11-20 pounds

Health Care Provider initials if restricted _____

Frequently for up to 1 hour at a time for up to 4-6 hours total in a work shift. Most commonly occurs with weights of 15-17 pounds while shoveling as well as loading and unloading hoses, buckets, and power tools.

Carrying 11-20 pounds

Health Care Provider initials if restricted _____

Frequently for distances of up to 150 feet for up to 1 hour at a time for up to 4-6 hours total in a work shift. Most commonly occurs with weights of 15-17 pounds while transporting tools to and from the work truck and work site as well as when moving sand bags and using a weed eater.

Lifting 21-50 pounds

Health Care Provider initials if restricted _____

Occasionally for up to 1 hour at a time for up to 1 hour total in a work shift. Most commonly occurs with weights of 25-50 pounds while loading and unloading ladders, equipment/tools, straw bails, bags of concrete, toolboxes, water jugs, sandbags, logs and rocks.

Carrying 21-50 pounds

Health Care Provider initials if restricted _____

Occasionally for distances of up to 50-100 feet for up to 1-2 minutes at a time for up to 1 hour total in a work shift. Most commonly occurs with weights of 30 pounds while carrying equipment to and from worksites.

Lifting 51-100 pounds

Health Care Provider initials if restricted _____

Rare to occasionally for up to 30 seconds at a time for up to 45 minutes total in a work shift. Most commonly occurs with weights of 60-80 pounds while lifting manholes, drainage grates, bags of concrete, bags of asphalt, bricks, logs, rocks, fuel canisters, sandbags, erosion control equipment, water logged hay bails, tires and batteries.

Carrying 51-100 pounds

Health Care Provider initials if restricted _____

Occasionally for distances of up to 50 feet for up to 1 minute at a time for up to 1 hour total in a work shift. Most commonly occurs with weights of 60-80 pounds while carrying bags of concrete, bags of asphalt, bricks, logs, rocks, fuel canisters, sandbags, erosion control equipment, water logged hay bails, tires and batteries. The employee also performs two-man pipe carrying.

Lifting 100+ pounds

Health Care Provider initials if restricted _____

Rare for up to 15 seconds at a time for up to 5 minutes total in a work shift. Most commonly occurs 1 time per year with weights of 120 pounds while lifting a pump, curb basin lids, manhole lids, dumped appliances and a generator. These are performed as a two person lift as there is assistance available for this lifting.

Pushing and Pulling

Health Care Provider initials if restricted _____

Occasionally & highly repetitive for distances of up to 100 feet for up to 1 hour at a time with a force of up 10-100 pounds for up to 8 hours total in a work shift while pushing and pulling brooms, shovels, rakes, lawn mower, wheelbarrow, pump, generator, sled compactor, hand roller, pruning saw, chainsaw, hand tools and cart.

Handling

Health Care Provider initials if restricted _____

Continuously & highly repetitive for up to 2 hours at a time for up to 8-9 hours total in a work shift while pressure washing, raking, driving, digging, and using power and hand tools such as a compactor or chainsaw. The employee may also hold a concussion gun when performing bird duties.

Operating Controls with Hands

Health Care Provider initials if restricted _____

Continuously & highly repetitive for up to 2 hours at a time for up to 8 hours total in a work shift while pressure washing, driving, weed eating, mowing, operating power tools and using hand tools.

Fingering

Health Care Provider initials if restricted _____

Occasionally for up to 2 minutes at a time for up to 1 hour total in a work shift while writing, keyboarding, performing small engine repair, conducting paperwork, assembling hand tools, using small hand tools and manipulating tie wire.

Feeling

Health Care Provider initials if restricted _____

Continuously for 1 hour at a time for up to 8-9 hours total in a work shift while feeling pipes, pumps and equipment for overheating as well as identifying equipment failure.

Talking

Health Care Provider initials if restricted _____

Occasionally for up to 5 minutes at a time for up to 2-3 hours total in a work shift while attending meeting, conversing with superiors and co-workers, ordering parts, and using the 2-way radio as well as when participating in safety committees and meetings.

Hearing

Health Care Provider initials if restricted _____

Continuously for up to 3 hours at a time for up to 9 hours total in a work shift while driving as well as listening for moving machines, back-up sirens, alarms, faulty machinery, and other safety hazards. Work can be performed along active roadways were identifying oncoming vehicles by sound is important.

Seeing

Health Care Provider initials if restricted _____

Continuously for up to 3 hours at a time for up to 9 hours total in a work shift while reading gauges, instructions, and checklists as well as when using hand tools, driving, watching for safety hazards and flagging.

Working with Heightened Awareness

Health Care Provider initials if restricted _____

Continuously for up to 3 hours at a time for up to 9 hours total in a work shift while watching for safety hazards and flagging. Work is commonly performed along active roadways were identifying oncoming vehicles and moving machinery is important. The employee may perform some duties in the presence of gas lines when awareness of safety is essential.

ENVIRONMENTAL FACTORS

Work is performed in a landfill facility as well as construction or rural settings where the worker is exposed to or in close proximity to heavy operating machinery, high voltage, sewage, adverse weather conditions, confined spaces, uneven surfaces, cat walks/metal grating, noxious or toxic gasses and chemicals, as well as loud noises. The employee has the potential to be exposed to dumped or abandoned materials. Hearing protection, eye protection, breathing protection and hard hats are required in some areas.

The noise level is

HCP Initials if Restricted

Approximately 50-130 decibels. The noise is caused by moving machinery, trucks, power tools and jackhammer.

Work environment may include the following exposure(s):

HCP Initials if Restricted

- Outside weather: Continuously
- Wet: Frequently
- Humidity/dampness: Frequently
- Fumes: Occasionally
- Odors: Continuously
- Dusts: Continuously

KING COUNTY JOB ANALYSIS COMPLETED ON: 4/19/05

JOB TITLE: Utility Worker II

EMPLOYEE:

VRC: Kyle Pletz

DOT #: 406.684-018

CLAIM #

Mists: Occasionally

Gases: Occasionally

Moving mechanical parts: Frequently-Continuously

Vibration: Continuously

Working in high, exposed places: Frequently

Working with explosives: Occasionally

Toxic or caustic chemicals: Rare

POTENTIAL MODIFICATIONS TO JOB

Anti-vibration gloves for increased comfort when operating power equipment.

Respiratory equipment when working near unknown hazards at the landfill.

Use hoist on the back of the truck for heavy lifting.

Some modifications may be available for seeing and hearing impairments.

KING COUNTY JOB ANALYSIS COMPLETED ON: 4/19/05
JOB TITLE: Utility Worker II
EMPLOYEE:
VRC: Kyle Pletz

DOT #: 406.684-018
CLAIM #

SIGNATURES

Signatures on this page are obtained before the document becomes available for use and are not required each time the document is reused. Obtained signatures are kept on file at King County Safety & Claims. The Health Care Provider signature section is separate and appears on the following page.

Printed name & title of VRC evaluator

Signature of VRC evaluator

Date

Printed name & title of contact

Signature of contact

Date

Printed name & title of employee

Signature of employee

Date

HEALTH CARE PROVIDER SECTION

Check all that apply

The employee is released to perform the described duties without restrictions on performance or work hours as of _____.

The employee is released to perform the described duties on a reduced schedule as of _____. The recommended schedule is:

Temporary until _____ Permanent as of _____

The employee is released to perform the described job with the following modifications:

Temporary until _____ Permanent as of _____

The employee is not released to perform the described duties due to the following job functions:

Temporary until _____ Permanent effective _____

The employee is unable to work in any capacity.
A release to work is: anticipated by _____ Not expected

The limitations are due to the following objective medical findings:

Printed or typed name and phone number of Health Care Provider

Signature of Health Care Provider

Date