

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Environmental Scientist I

DEPARTMENT: Natural Resources, WLRD, Capital Projects WORK SCHEDULE: 40/week

JOB DESCRIPTION: Provides support to Capital Improvement Program ecologists, senior ecologists, geologists, engineers and senior engineers in planning, evaluating, designing, and monitoring CIP projects. Projects include flood reduction, drainage improvement and habitat restoration projects. The position also provides support to other DNRP programs, upon request.

WORK ENVIRONMENT: Field with some office.

ESSENTIAL FUNCTIONS: Conduct environmental field studies, including wetland and stream studies, endangered species surveys, and wildlife habitat surveys under the direction of ecologists, senior ecologists and other technical staff. Analyze data and write technical reports using standard formats and present general technical information to staff and project teams. Assess field conditions and the potential or actual impacts of construction, restoration activities, or other development activities on natural resources. Assist mid- and senior-level CIP staff in directing field activities of the Washington Conservation Corps, including scheduling and coordinating crew support for projects. Oversee construction of fences to protect sensitive areas, weed control, native plant revegetation, and minor habitat restoration work. Provide ecological support in project design, permit and SEPA checklist preparation, and construction of CIP projects. May provide sole source of ecological expertise and overall project direction on small, straight-forward restoration projects. Conduct monitoring studies and write reports under the direction of mid- and senior-level staff, including pre-construction data collection, water quality and erosion control monitoring during construction, and post-construction monitoring. Perform calculations and store and track data using computer programs.

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 80 DBL
- Other _____

Special Requirements:

- CDL
- Respirator use

***Continued on next page.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	1 – 2 hours
Walking <input checked="" type="checkbox"/> uneven terrain	1 – 7 hours
Sitting	1 – 6 hours
Climbing stairs	0 – 10 minutes
Climbing <u>slopes</u>	0 – 5 minutes
Balancing	0 – 5 minute
Bending/Stooping	1 – 2 hours
Kneeling	0 – 3 hours
Crouching	0 – 3 hours
Crawling	0 – 15 minutes
Foot controls	0 – 2 hours
Reaching above shoulders	0 – 2 hours
Reaching waist-shoulder	4 – 6 hours
Reaching knee-waist	0 – 6 hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching floor-knee	0 – 6 hours
Lifting/Carrying 1-10#	1 – 7 hours
Lifting/Carrying 11-20#	0 – 7 hours
Lifting/Carrying 21-50#	0 – 6 hours
Lifting/Carrying 51-100#	0 – 4 hours
Lifting/Carrying 100+#	0
Handling	3 – 6 hours
Hand Controls	0 – 4 hours
Fingering <input checked="" type="checkbox"/> keyboarding	1 – 6 hours
Vision to assure safety of others	0 – 7 hours
Hearing to assure safety of others	0 – 7 hours
Fish Electro-shocker	0 – 6 hours
Streamwaking	0 – 6 hours
Snorkel	0 – 4 hours

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

Physician's Signature

Date