

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Environmental Scientist II

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

JOB DESCRIPTION: Independently applies a non-laboratory environmental scientific discipline or group of related disciplines to practical problems of social, engineering or environmental concerns.

WORK ENVIRONMENT: Office/Field

ESSENTIAL FUNCTIONS: Perform office and field studies and assess the potential impacts of construction, environmental improvement activities or other activities on natural resources. Evaluate previous studies; examine field conditions; measure properties of natural phenomena such as wetlands, streams and rivers and/or geologic materials; identify issues and concerns; resolve contradictory data sources; diagnose natural conditions and predict the future behavior of natural resources. Analyze data and write comprehensive reports. Prepare technical documents and maps for use by technical staff, elected officials, management and the public. Participate with other professional staff in identifying and implementing appropriate solutions to problems related to the position's discipline. May review and recommend approval of site development plans for compliance with appropriate codes for small projects. Provide scientific consultation to engineering and planning functions; consult on preparation of Environmental Impact Statements. Present conclusions orally to technical staff, management and the public; interact with clients (public or internal customers) on technical issues and questions. Train, assist and direct work of less-experienced staff. Develop scientific monitoring equipment, methods and plans. Participate in leading small-scale projects involving research in the applicable scientific disciplines; assist in management of budget, schedule and quality. Investigate code violation complaints. Use computer software to perform calculations and store and track data.

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
Streamwalking	0 – 6 hours
Snorkel	0 – 4 hours

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

Physician's Signature

Date