

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

Physical Required: General physical, Diabetes, BP, Vision, Back strength and lifting and Audiogram.

PATIENT NAME: _____

JOB TITLE: Environmental Scientist IV

DEPARTMENT: Development and Environmental Svcs. WORK SCHEDULE: 40/week

JOB DESCRIPTION: Manages programs and/or projects that involve applying non-laboratory environmental scientific disciplines to practical problems of social, engineering or environmental concern and supervising scientific staff assigned to conduct those programs and projects or conducting scientific work at a distinguished, regionally acknowledged expert level without management or supervisory duties.

WORK ENVIRONMENT: Office with some field.

ESSENTIAL FUNCTIONS: Supervise human resources, including staffing, assigning work, managing performance and training. Teach, lead and coach. Oversee daily operation of work unit, including work loads, processes, schedules, meeting of deadlines, quality control, building of work teams, developing of detailed work plans, creating efficiencies and instituting performance measures. Develop and recommend strategic plans for work unit. Manage small- to large-scale projects involving natural science research, environmental monitoring, environmental cleanup or related subjects; manage budget, schedule and quality. Oversee quality and appropriateness of work products. Develop scope and resources for new projects to meet needs of emerging issues and regulations. Serve as liaison and negotiate with regulatory agencies on regulatory requirements, environmental issues and standards. Manage cross-functional, inter-work group and external and internal customer relations. May approve site development plans for compliance with appropriate codes. Provide expert level scientific consultation to engineering and/or planning functions. Participate with other professional staff in identifying and implementing appropriate solutions to geologic and related problems. Give consultation for preparation of Environmental Impact Statements. Give expert-level testimony in public hearings on natural conditions and their implications. Draft and review related King County regulations, ordinances and rules. Perform office and field studies and assess the potential impacts of construction, environmental improvement or other activities on natural resources. Evaluate previous studies; examine field conditions; measure properties of natural phenomena such as 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. Prepare maps and comprehensive written reports for use by technical staff, elected officials, management and the public. Present conclusions orally to technical staff, elected officials, management and the public. Investigate code violation complaints and issue code violation notices. Perform research using computer software.

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 _____
- Other Extreme cold and hot weather

Special Requirements:

***Continued on next page.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	15 min. – 1 hour
Walking <input checked="" type="checkbox"/> uneven terrain	30 min. – 5 hours
Sitting	2 – 7 hours
Climbing stairs	0 – 5 minutes
Climbing <u>slopes</u>	0 – 2 hours
Balancing	30 min. – 5 hours
Bending/Stooping	10 min – 1 hour
Kneeling	5 min – 1 hour
Crouching	3 – 20 minutes
Crawling	0 – 15 minutes
Foot controls	2 – 4 hours
Reaching above shoulders	0 – 5 minutes
Reaching waist-shoulder	2 – 7 Hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	0 – 20 minutes
Reaching floor-knee	1 – 20 minutes
Lifting/Carrying 1-10#	5 min. – 5 hrs.
Lifting/Carrying 11-20#	5 min. – 5 hrs.
Lifting/Carrying 21-50#	0 – 10 min.
Lifting/Carrying 51-100#	0
Lifting/Carrying 100+#	0
Handling	2 – 7 hours
Hand Controls	2 – 4 hours
Fingering <input checked="" type="checkbox"/> keyboarding	2 – 4 hours
Vision to assure safety of others	2 – 4 hours
Hearing to assure safety of others	2 – 4 hours
Other – Pushing and pulling	0 – 5 minutes

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

Physician's Signature

Date