

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

A more detailed form is available on the web at:

<http://www.kingcounty.gov/employees/HumanResources/services/jobanalysis/analyses>

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

PATIENT NAME: _____

JOB TITLE: Environmental Scientist III

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

JOB DESCRIPTION: Provides expert-level technical consultation, based on expertise in a non-laboratory environmental scientific discipline or group of related disciplines, to practical problems of social, engineering or environmental concern, and managing research or other environmental projects. Incumbents may lead others involved in those projects.

WORK ENVIRONMENT: Work is performed in an office as well as a rural wildlife setting. The worker traverses uneven and heavily wooded terrain with many tripping hazards. The employee also works near rivers and streams and may traverse through stream channels of various velocities up to depths of 4 feet, undeveloped land or construction sites. The noise level varies from quiet to loud.

ESSENTIAL FUNCTIONS: Manage projects involving scientific or related research and/or application of scientific knowledge to social, engineering or environmental activities; manage budget, schedule and quality control. Oversee quality and appropriateness of work products. Perform lead role, scheduling work assignments training, mentoring and providing review and approval of data quality, technical documents and project reports and recommendations. Perform office and field studies and assess the potential impacts on natural resources of construction, environmental improvement or other activities. Evaluate previous studies; examine field conditions; measure properties of natural phenomena such as streams, wetlands 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. Review and verify information submitted by consultants and/or internal staff. Provide expert-level scientific consultation to engineering and planning functions. Participate with other professional staff in identifying and implementing solutions to problems related to the application of the appropriate scientific discipline. Consult on preparation of Environmental Impact Statements. May approve site development plans for compliance with appropriate codes. Prepare educational materials and design and conduct training programs. Initiate or review permit requests and prepare permits for environment-related projects. Represent division regarding project designs, impact assessments and related issues. Serve as liaison and negotiate with external and internal regulatory agencies and other officials. Review development permit applications and evaluate field conditions for geologic hazards. Supervise construction crews building environmental enhancement projects and advise on how to minimize impact on resources. Give expert-level testimony in public hearings on natural field conditions and their implications. Develop and assist in implementation of technical procedures, methodologies and technical policies. Draft and review related County regulations, ordinances and rules. Analyze data, write comprehensive reports, prepare technical documents and maps for use by technical staff, elected officials, management and the public. Administer scientific and technical consultant

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:

contracts. Interview consultants, write scopes of work, facilitate and evaluate consultants' work. Present conclusions orally to technical staff, elected officials, management and the public. Investigate code violation complaints and issue code violation notices.

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