

# Job Analysis Form

Alternate Format Available



King County

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## 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 II

DEPARTMENT: DDES

WORK SCHEDULE: 7:30am – 4:00pm

JOB DESCRIPTION: Independently applying a non-laboratory environmental scientific discipline or group of related disciplines to practical problems of social, engineering or environmental concerns. Incumbents may lead small-range projects and small work teams.

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: Performs office and field studies and assesses the potential impacts on natural resources of construction, environmental improvement or other activities. Performs field and stream investigations and studies in all types of weather that often requires the use of rain and safety gear. Evaluates previous studies; examines field conditions; measures properties of natural phenomena such as streams, wetlands and rivers and/or geologic materials; identifies natural resource issues and concerns; resolves contradictory data sources; diagnose natural conditions; and predict the future behavior of natural resources. Performs stream reconnaissance surveys, inspects stream mitigation sites (before, during, and after, construction), sets, inspects, and retrieves numerous types of fish traps/nets, and inspects stream violations, debris slides, etc. In-Stream work requires walking through the stream channel during various stream flow conditions in water depths up to 4 feet. Additionally, In-Stream work entails negotiating large boulders, fallen trees, woody debris piles, thick overhanging brush, and man-created debris piles, among other natural obstacles such as in-stream pools, cascades, and logjams under various stream flow velocities and depths up to 4 feet. Perform stream flow surveys, which require crossing streams under various stream flow conditions and being able to stand at one location for up to 5 minutes while holding in a stream flow meter gauge, and repeating the action at set intervals, up to 30 times across a single stream cross-section for one complete stream flow survey. Drives to project sites, field investigation sites, and meetings throughout King County under all types of weather, road and traffic conditions. Consults on preparation of Environmental Impact Statements. May review and recommend approval of site development plans for compliance with appropriate codes for small projects. Reviews permit requests for environment-related projects. Develop scientific monitoring equipment, methods and plans. Analyzes data, writes, comprehensive reports, compiles technical data, and prepares technical documents and maps for use by technical staff, management and the public. Presents conclusions orally to technical staff, management and the public. Investigates code violation complaints

PHYSICAL DEMAND	HRS PER SHIFT	PHYSICAL DEMAND	HRS PER SHIFT
Standing	15 min. – 1 hour	Reaching knee-waist	0 – 20 minutes
Walking <input checked="" type="checkbox"/> uneven terrain	30 min. – 5 hours	Reaching floor-knee	1 – 20 minutes
Sitting	2 – 7 hours	Lifting/Carrying 1-10#	5 min. – 5 hrs.
Climbing stairs	0 – 5 minutes	Lifting/Carrying 11-20#	5 min. – 5 hrs.
Climbing <u>slopes</u>	0 – 2 hours	Lifting/Carrying 21-50#	0 – 10 min.
Balancing	30 min. – 5 hours	Lifting/Carrying 51-100#	0
Bending/Stooping	10 min – 1 hour	Lifting/Carrying 100+#	0
Kneeling	5 min – 1 hour	Handling	2 – 7 hours
Crouching	3 – 20 minutes	Hand Controls	2 – 4 hours
Crawling	0 – 15 minutes	Fingering <input checked="" type="checkbox"/> keyboarding	2 – 4 hours
Foot controls	2 – 4 hours	Vision to assure safety of others	2 – 4 hours
Reaching above shoulders	0 – 5 minutes	Hearing to assure safety of others	2 – 4 hours
Reaching waist-shoulder	2 – 7 Hours	Other – Pushing and pulling	0 – 5 minutes

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:

- CDL  Respirator use

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

\_\_\_\_\_  
Physician's Signature

\_\_\_\_\_  
Date