

# Job Analysis Form

Alternate Format Available



King County

## SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

<http://www.kingcounty.gov/employees/HumanResources/SafetyClaims/JobAnalysis/analyses.aspx>

PATIENT NAME: \_\_\_\_\_  
DEPARTMENT: Natural Resources and Parks

JOB TITLE: Engineer III (River and Floodplain)  
WORK SCHEDULE: 40 hrs/week

JOB DESCRIPTION: Lead river and hydraulic engineering design and technical analysis for river and floodplain management projects and programs.

WORK ENVIRONMENT: Field with some office

### ESSENTIAL FUNCTIONS:

Oversee field investigations and assessments of river conditions and flood facilities, gather engineering data and related information necessary to scope technical studies, evaluate flood damages to river facilities as part of post-flood documentation, perform field investigations for assigned projects, conduct flood warning activities, conduct field investigations and assessments, perform construction management and inspection, evaluate physical river conditions and hazards. These positions require the ability to conduct physical site inspections and evaluations during times of inclement weather. There is often a need to walk on uneven terrain for extended periods of time. Field conditions include brushy, forested environments; river, stream and wetland corridors; and slippery, uneven surfaces and dynamic conditions in the outdoors. May be required to complete float test, swim test and swift water rescue training.

### 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
- Fumes
- Gasses
- Dusts
- Odors
- Radiation
- Explosives
- Noise Level 80 – 100 dBA
- Other \_\_\_\_\_

### Special Requirements:

- CDL
- Respirator use

Name \_\_\_\_\_

PHYSICAL DEMAND	HRS PER SHIFT
Standing	2 - 8 hrs/shift
Walking <input checked="" type="checkbox"/> uneven terrain	2 - 7 hrs/shift
Sitting	2 - 8 hrs/shift
Climbing stairs	
Climbing steep terrain	0-1 hr/shift
Balancing	
Bending/Stooping	0 - 30 min
Kneeling	0 – 15 min
Crouching	0 – 15 min
Crawling	0 – 15 min
Foot controls	0 – 1 hr
Reaching above shoulders	0 – 15 min
Reaching waist-shoulder	0 – 15 min

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	0 – 15 min
Reaching floor-knee	0 – 15 min
Lifting/Carrying 1-10#	0 - 2 hrs/shift
Lifting/Carrying 11-20#	0 - 15 mins/shitt
Lifting/Carrying 21-50#	0 - 5 min/shift
Lifting/Carrying 51-100#	
Lifting/Carrying 100+#	
Handling	
Hand Controls	
Fingering <input checked="" type="checkbox"/> keyboarding	2 - 8 hrs/shift
Vision <small>to assure safety of others</small>	0 - 7 hrs/shift
Hearing <small>to assure safety of others</small>	0 - 7 hrs/shift
Other: River Walking	0 – 7 hrs/shift

I have reviewed this Job Analysis for the above-named candidate and agree they can perform the physical activities described.

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

\_\_\_\_\_  
Date