

Job Analysis Form

ALTERNATE FORMAT AVAILABLE



SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____ JOB TITLE: Environmental Scientist II (Groundwater)
DEPARTMENT: Natural Resources, WLRD, Science WORK SCHEDULE: 40/week
JOB DESCRIPTION: Performs entirely and/or assist on a variety of groundwater science/data activities, most related to the implementation of Water Resource Evaluations in Vashon – Maury Island and East King County Ground Water Management Areas, and of scopes of Interlocal Agreements in the Redmond – Bear Creek Valley and the Issaquah Creek Valley Ground Water Management Areas.
WORK ENVIRONMENT: Field with some office.
ESSENTIAL FUNCTIONS: . Collect, compile, organize, and analyze various groundwater data; help maintain databases; prepare reports, articles, and web sites to summarize, present, and interpret this data; and present this information to public at community meetings. Organize and perform groundwater monitoring tasks including: finding suitable sampling sites; contacting well owners for access; writing and updating Sampling and Analysis Plans (SAPs); coordinating with analytical laboratories; obtaining field supplies and equipment; taking water level and field parameter measurements and water quality samples; and coordinating and checking data submittals from laboratories. Assist on site selection, contracting, supervision, and project management of drilling, installation, development, and testing of new monitoring wells and other monitoring installations. Assist on groundwater modeling activities. Provide various on-going groundwater technical services, including: data requests; support to other King County (KC) departments / Department of Natural Resources and Parks (DNRP) divisions / other Water and Land Resource Division (WLRD) groups regarding groundwater issues; annual reports; well construction, tagging, and decommissioning; wellhead protection area delineation; and on-site sewage system information needs as needed. Coordinate with contractors who develop and provide groundwater information and services.

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

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PHYSICAL DEMAND	HRS PER SHIFT
Standing	1 – 5 hours
Walking <input checked="" type="checkbox"/> uneven terrain	30 min – 1 hour
Sitting	1.5 – 6 hours
Climbing stairs	0 – 15 minutes
Climbing <u>ladders</u>	0 – 15 minutes
Balancing	0 – 6 hours
Bending/Stooping	1 – 2 hours
Kneeling	0 – 2 hours
Crouching	0 – 2 hours
Crawling	0
Foot controls	0 – 1.5 hours
Reaching above shoulders	0 – 1 hour
Reaching waist-shoulder	4 – 7 hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	0 – 2 hours
Reaching floor-knee	0 – 2 hours
Lifting/Carrying 1-10#	1 – 7 hours
Lifting/Carrying 11-20#	0 – 1 hour
Lifting/Carrying 21-50#	0 – 1 hour
Lifting/Carrying 51-100#	0 – 1 hour
Lifting/Carrying 100+#	0
Handling	4 – 6 hours
Hand Controls	0 – 2 hours
Fingering <input checked="" type="checkbox"/> keyboarding	2 – 6 hours
Vision to assure safety of others	0 – 5 hours
Hearing to assure safety of others	0 – 5 hours
Stream Walking	0 – 7 hours

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

Physician's Signature

Date