

YAKIMA COUNTY, WASHINGTON
Class Specification
Class Title: Natural Resources Specialist III

BAND: C	GRADE: 4	SUBGRADE: 3	CLASS CODE: J23-7843
DEPARTMENT: Public Services – Surface Water	ACCOUNTABLE TO: Manager	OVERTIME STATUS: Non-Exempt	
JOB SUMMARY: This position is responsible for managing contracts/consultants responsible for conducting surface water related projects. Under the direction of the Manager, the position identifies, develops, writes scope of works, and implements multi-objective surface water related projects.			
DISTINGUISHING CHARACTERISTICS: Natural Resources Specialist III is the third level classification in a five level classification series. The Natural Resources Specialist III is distinguished from the Natural Resources Specialist IV by assignment to routine surface water related projects or portions of complex projects.			
DUTY NO.	ESSENTIAL DUTIES: (These duties are a representative sample: (Position assignments may vary.)		BAND / GRADE
1.	Manages contracts/consultants responsible for conducting multi-objective surface water related projects such as: flood mapping projects, flood mitigation projects, stream restoration and fish/wildlife enhancement projects, flood planning studies, flood response studies and field data collection studies.		C4
2.	Identifies, develops, and writes scope of works for multi-objective surface water projects. Attends and facilitates meetings to fulfill tasks contained in the scope of works.		C4
3.	Manages a program to collect field data needed for implementation of multi-objective water related projects and plans. This field data would include: LIDAR (Light Detection And Ranging), Global Positioning System (GPS), survey data, velocity and stream flow, sediment and hydraulic structures data.		C4
4.	Trains and advises county staff in Quality Control / Quality Assurance in collecting, refining, analyzing, graphing, determining data validity and using specialty software in dealing with collected field data. Maintains database to store this field data.		C4
5.	Maintains already established interaction and communication with local, state, federal, and tribal entities. Seeks funding from federal and state agencies to support multi-objective water related projects.		C4
6.	Reviews design and monitors technical works of consultant and county staff for water related projects such as hydraulics design, sediment transport, flooding problems and storm water issues from development projects. Adheres to local, state, and federal regulations such as County codes, National Flood Insurance Programs, Clean Water Act, Endangered Species Act, and National Pollution Discharge Elimination System Phase II in reviewing these projects. Provides advice and training to staff in areas related to hydraulics and hydrological modeling.		C4
7.	Participates in the efforts to conduct surface water related planning studies including comprehensive flood management plans and county flood response plans. Interacts and coordinates with different entities that have stakes in the outcome of these planning efforts.		C4
8.	Performs other duties as required.		
Knowledge: (Position requirements at entry):			

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Knowledge of:

- Principles and theories of flood management;
- Hydraulics and hydrological modeling;
- River hydraulics; Watershed hydrology;
- Sediment transport and geomorphology;
- Design of hydraulic structures;
- Water quality and quantity;
- Storm water design;
- Federal, state, and local codes and regulations; Public involvement and education.

Skills (Position requirements at entry):

Skills in:

- Managing complex projects;
- Providing technical advice to County staff;
- Inspecting projects for compliance with rules and regulations;
- Reviewing and monitoring the work of consultants;
- Prioritizing work assignments;
- Using computer and related Microsoft software applications and water specialty software;
- Writing contract specifications;
- Reading and interpreting maps, blueprints, plans and specifications;
- Preparing pay estimates;
- Excellent writing and communication skills.

Training and Experience (position requirements at entry):

Bachelor's Degree in Hydrology, Natural Resources, Civil Engineering or related field and three years of experience with emphasis in the areas of hydraulics and hydrology or an equivalent combination of education and experience which provides the knowledge, skills and abilities sufficient to successfully perform the essential duties of the job. A Masters' Degree may substitute for one year of experience.

Licensing Requirements:

Valid WA State Driver's license upon appointment.
Successful completion of general employment verification

Working Conditions: Position may have the potential exposure to the following:

Environment: travel, field work, exposure to hostile/angry individuals, work outside of standard business hours and multiple work locations;

Physical Demands: Handling, Reaching, Sitting, Standing, Walking, Fingering, Balancing, Reclining, Hearing, Talking, Visual Activity. Depending upon assignment, incumbents may be subject to travel, exposure to hazardous materials, atmospheric conditions, intense noise, extreme temperatures and/or exposure to potentially hostile individuals.

Intellectual Demands: ability to multitask, confidentiality, ability to work under pressure, ability to articulate and communicate in conversations, ability to follow written and verbal instruction.

Light Work: Exerting up to 20 pounds of force occasionally and/or up to 10 pounds of force frequently, and/or a negligible amount of force constantly to move objects.

Classification History:

Created: 12/2001

Revised: 02/2014

Revised: 03/2022