

STATE OF NEBRASKA CLASS SPECIFICATION
INTEGRATED WATER MANAGEMENT COORDINATOR

EST: 01/10 – REV: 00/00
CLASS CODE: V45513

DESCRIPTION: Under limited supervision, coordinates the planning and technical analysis required for integrated surface water/groundwater management planning processes and/or interstate compacts, decrees or agreements; supervises staff within the Integrated Water Management division; develops and implements integrated water management plans; performs related work as assigned.

DISTINGUISHING CHARACTERISTICS: (A position is assigned to this class based on the scope and level of work performed as outlined below).

This class represents the full performance and supervisor level in the Integrated Water Management class series. Positions in this class, on a regular and on-going basis, perform work as a supervisor of three or more Integrated Water Management Planners, Integrated Water Management Specialists, Integrated Water Management Analysts and/or other division staff.

EXAMPLES OF WORK: (A position may not be assigned all the duties listed, nor do these examples include all the duties that may be assigned).

Plans, assigns, directs and evaluates the work of staff located within the Integrated Water Management Division.

Trains or identifies training needs of staff in the policies and procedures of integrated water management plans and processes to improve and maintain job performance levels of employees.

Coordinates planning and technical analyses for the integrated surface water/groundwater management planning process and/or interstate compacts, decrees or agreements.

Assists staff in implementing integrated water management plans; reviews success of such plans toward achievement of goals and demands.

Conducts hydraulic and hydrologic analyses focusing on the relationship between surface water and groundwater.

Develops and executes department and division research programs needed to carry out integrated water management activities and/or interstate compacts, decrees or agreements.

Reviews existing databases to determine availability of hydrologic data for specific projects.

Determines if groundwater models are adequate for use in management decisions.

Prepares and submits department reports, technical and statistical analyses and publications.

Assists in the selection of contractors and oversees their work in the development of technical information as part of the creation of the integrated water management plans and as implementation of or compliance with interstate compacts, decrees or agreements.

Presents research lectures and workshops explaining surface and groundwater relationships as they pertain to integrated water management plans and research.

Maintains financial oversight with integrated water management planning including consultant selection/fees, staff additions/recommendations, research costs, etc.

Attends professional scientific conferences and programs and utilizes professional research literature to stay current and maintain expertise in the rapidly changing field of hydrogeology.

FULL PERFORMANCE KNOWLEDGE, SKILLS AND ABILITIES REQUIRED: (These may be acquired on the job and are needed to perform the work assigned).

Knowledge of: the principles and techniques of supervision; scientific understanding of surface and groundwater hydrology and geology; groundwater modeling and water use measurement and assessment technologies; Nebraska's surface and groundwater laws; integrated management planning processes, rules and regulations; statistical and mathematical models as applied to the analysis and interpretation of hydrology and geology data; department policies and procedures; legislative and administrative processes.

Ability to: manage human resources; plan, assign, direct and evaluate the work of staff; think logically and understand surface and groundwater systems and the analyses of these systems; advise others in technical matters; analyze surface and groundwater systems, analytical tools and products of those tools; communicate highly technical information to other technical experts and the general public using written and oral formats; organize and write technical reports; be an expert witness in court proceedings.

Skill in: developing and analyzing groundwater models; applying other hydrologic and system analysis techniques; explaining the results of these analyses; developing protocols to incorporate the technical analyses or results of those analyses in integrated management plans, rules and regulations.

ENTRY KNOWLEDGE, SKILLS AND ABILITIES REQUIRED: (Applicants will be screened for possession of these through written, oral and/or performance examinations, or other means of evaluations).

Knowledge of: the methods and procedures of human resource development; scientific understanding of surface and groundwater hydrology and geology; groundwater modeling and water use measurement and assessment technologies, statistical and mathematical models as applied to the analysis and interpretation of hydrology and geology data.

Ability to: instruct, supervise and direct staff; think logically and understand surface and groundwater systems and the analyses of these systems; analyze surface and groundwater systems, analytical tools and products of those tools; communicate highly technical information to other technical experts and the general public using written and oral formats.

Skill in: developing and analyzing groundwater models, applying other hydrologic and system analysis techniques.

JOB PREPARATION GUIDELINES: (Entry knowledge, skills and/or abilities may be required through, but are not limited to, the following coursework, training and/or experience).

A general qualification guideline for positions in this class is a Bachelor's degree in Hydrogeology, Hydrology, Geology, Engineering or Natural Sciences and 5 years experience in hydrology, geology and groundwater modeling OR any equivalent combinations of education, training and/or experience that will enable an individual to possess the required knowledge, skills and abilities.

SPECIAL NOTE:

State agencies must evaluate each of their positions to determine their individual overtime eligibility status. FLSA regulations state positions cannot be exempted based on job title; rather the duties and responsibilities of each position must be evaluated by application of FLSA exemption criteria.