

CLASS TITLE: PRINCIPAL ENVIRONMENTAL SCIENTIST

Class Code: 02511400

Pay Grade: 32A

EO: B

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To perform the most complex and professional work related to environmental management and protection; to be responsible for and supervise studies or programs, special projects and phases of major projects; to provide direction, advice, assistance, and consultation on specialized scientific programs and problems; and to do related work as required.

SUPERVISION RECEIVED: Works under the direction of a superior with wide latitude for exercising initiative and independent judgement.

SUPERVISION EXERCISED: Plans, coordinates, reviews and evaluates the work of professional, technical, and clerical personnel.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To perform the most complex and professional work related to environmental management and protection; to be responsible for and supervise studies or programs, special projects and phase of major projects; to provide direction, advice, assistance, and consultation on specialized scientific programs and problems.

To develop and organize new environmental protection programs.

To assist in the formulation of legislation implementing established Department policy and as requested, to review and comment on proposed legislation.

To provide direction, advice, assistance, and consultation on specialized scientific programs and problems.

To prepare statements of short, intermediate, and long-term goals necessary to improve or preserve the environment.

To develop basic conceptual plans from which courses of action may be derived to manage the environment and solve problems.

To keep abreast of developments pertaining to the improvement and preservation of the environment, keep current with trends of thought, literature, and new developments in ecology and environmental protection.

To develop proposals for submission to federal agencies for funding.

To assign, instruct, and supervise the work of other staff.

To provide determination of priority and policy problems.

To serve as a liaison between the Department and federal, state, and other establishments, organizations and agencies; to represent the Department in meetings with federal, state, regional, and local environmental agencies.

As required, to prepare and deliver general and technical papers at lay and scientific meetings and conferences.

To serve as project coordinator on special environmental projects which may develop.

To review research proposals and recommend necessary courses of action.

To draft technical and other correspondence in the course of official duties.

To prepare and direct the preparation of clear, technically sound scientifically accurate and comprehensive reports of environmental problems and ecological matters containing findings, conclusions, and recommendations.

To establish and supervise the maintenance of essential records and files.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A thorough knowledge of the principles, practices, procedures, and technology of the scientific field of concern; a thorough knowledge of the methods and techniques required in order to coordinate a program of environmental management or regulation; a thorough knowledge of the federal and state environmental laws and regulations; the ability to analyze, interpret and apply laws, rules and regulations; the ability to organize scientific work, analyze environmental pollution and protection problems and develop appropriate methods for their alleviation; the ability to develop and organize work programs and oversee their accomplishment; the ability to assign, supervise, and coordinate the activities of highly qualified specialists in a variety of scientific and engineering disciplines; the ability to analyze and interpret highly technical reports and scientific documents related to the environment; the ability to prepare scientifically sound papers, proposals, and technical correspondence; the ability to direct the maintenance of essential records and files; the ability to understand and carry out complex oral and written instructions; the ability to establish and maintain effective working relationships with federal, state, local, private and public agencies and organizations; and related capacities and abilities.

EDUCATION AND EXPERIENCE:

Education: Such as may have been gained through: possession of a Masters Degree in one of the Physical, Biological or Environmental Sciences, Environmental Engineering, or a closely related field; and

Experience: Such as may have been gained through: considerable employment in a responsible supervisory position involving the performance of complex professional work in the field of environmental regulation.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

Class Created: April 26, 1987

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