

CLASS TITLE: SENIOR ENVIRONMENTAL SCIENTIST

Class Code: 02511300
Pay Grade: 30A
EO: B

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To perform complex tasks related to environmental management and protection; as assigned, to be responsible for special projects and phases of major projects; and to do related work as required.

SUPERVISION RECEIVED: Works under the general supervision of a superior from whom instructions are received as to objectives, methods, and processes with latitude for the exercise of initiative and independent judgment.

SUPERVISION EXERCISED: As assigned, supervises and reviews the activities of professional, technical, and clerical personnel.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To perform complex tasks related to environmental management and protection; as assigned, to be responsible for special projects and phases of major projects.

To assist in assigned scientific projects and programs in the field of environmental protection and may be charged with the responsibility for an assigned phase of such activity, ranging from development to implementation.

To coordinate various environmental activities within the Department and its component units.

As required, to assist in preparing project proposals for federal funds and in monitoring contracts.

To provide scientific advice and assistance when environmental problems arise.

To prepare technical correspondence in the course of official duties.

To review and evaluate the probable effect of proposed legislation concerning the environment.

To research, collect, and analyze data, formulate proposals, detail action programs, make cost estimates, and identify legislative and other implementing requirements.

To prepare technical scientific reports and other documents containing findings, conclusions, and recommendations about environmental and ecological matters.

To review materials such as permit applications, technical reports, and environmental impact statements for technical adequacy, subject matter coverage and conformance to policies and regulations and make recommendations for acceptance, modification or disapproval.

To keep current with trends through, literature, and new developments in environmental management and protection.

To maintain essential records and files.

To represent the Department at meetings and conferences dealing with environmental problems or policies.

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

To assist in reviewing research proposals initiated by outsiders.

To work closely with cooperating agencies, committees, and interested groups in carrying out various activities.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A thorough knowledge of basic principles, practices, procedures, and technology of the scientific field of concern; the ability to undertake studies encompassing a complete phase of a major project, a special project, or division program in environmental management and protection; a working knowledge of the federal and state environmental laws and regulations; the ability to organize scientific work, analyze environmental pollution and protection problems and develop appropriate methods for their alleviation; the ability to review and interpret technical and scientific materials; the ability to prepare scientifically accurate proposals, papers, and informational reports; the ability to prepare technical correspondence; the ability to maintain essential records and files; the ability to understand and carry out complex oral and written instructions; the ability to 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 with specialization in one of the physical, biological or environmental sciences, environmental engineering, or in a closely related field; and

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

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

Class Revised: March 25, 2012