



**NORTH DAKOTA
CLASS DESCRIPTION**

ND Human Resource Management Services
Phone: (701) 328-3290

Class Code(s): 2041
2042
2043

ENVIRONMENTAL ENGINEER

Individuals assigned to positions in this series are responsible for technical evaluation of facilities, systems, operations, and equipment according to established engineering standards to determine compliance with environmental control laws, regulations, and policies. Duties include conducting or directing review of water supply systems and treatment plants; conducting or directing studies of bodies of water, sewage disposal systems, solid and hazardous waste management systems, and air pollution control systems to determine if minimum standards are met. Reviews licensed or regulated institutions for compliance with environmental standards. Inspects and monitors mining projects and mine reclamation to ensure compliance with permits and regulations. Maintains documentation and prepares technical reports relating to environmental conditions and projects. Performs other related engineering duties as assigned.

The levels in this series are based on responsibilities assigned to the positions. The actual level is determined by analysis and evaluation of responsibilities as reflected in provided documentation. Only the elements that distinguish levels of increased complexity, accountability, and/or knowledge, skill, or ability requirements will be considered in assigning grade levels. No specific task or combination of tasks should be construed to mean any one of the specific levels.

MINIMUM QUALIFICATIONS FOR ENTRY TO SERIES:

Requires a bachelor's degree in engineering. The agency may specify an engineering field for specific recruitment.

ENVIRONMENTAL ENGINEER I

2041

GRADE J

Responsibilities associated with this class consist of duties that may vary depending on circumstances and are accomplished through the use of a variety of procedures, processes, or methods. Decisions involve analysis of the circumstances to determine tasks involved and selection of appropriate procedures, processes, or methods to accomplish the tasks. Guidelines are available within the work area but require some interpretation and/or adaptation for application to specific cases or problems associated with assigned duties. Responsibility for managing the work of others may be required, however, is limited in scope or duration. Duties will be planned and accomplished under general guidance and direction and require coordination, policy interpretation, and individual initiative to resolve problems or conflicts that may arise. Some indirect impact on decisions affecting organizational goals and objectives exists as

responsibilities include duties that produce an analysis, formal recommendation, or significant advice used by others in making decisions.

DESIRABLE LEVEL OF KNOWLEDGE, SKILL, AND ABILITY:

Knowledge of the principles, concepts, and methodology needed to perform and/or direct duties associated with environmental engineering. Requires knowledge, skill, and ability generally acquired and developed through formal education, extensive training, and/or relevant experience in work of an equivalent type and complexity. A moderately high degree of interpersonal skill is required to be able to communicate with and motivate others in the satisfactory performance of duties and responsibilities.

ENVIRONMENTAL ENGINEER II
GRADE M

2042

Responsibilities associated with this class consist of duties that may vary depending on circumstances and require some modification of procedures, processes, or methods to accomplish duties involved. Decisions involve analysis of the circumstances to determine tasks involved and appropriate modification to procedures, processes, or methods to accomplish the tasks. Guidelines are available within the work area but require some interpretation and/or adaptation for application to specific cases or problems associated with assigned duties. Management responsibility includes directing the work of others involved in activities of the same or similar nature and generally working toward a common goal. Duties will be planned and accomplished under general guidance and direction and require coordination, policy interpretation, and individual initiative to resolve problems or conflicts that may arise. A specific impact on decisions affecting organizational goals and objectives exists as responsibilities include duties that produce significant portions of decisions made in conjunction with others.

DESIRABLE LEVEL OF KNOWLEDGE, SKILL, AND ABILITY:

Knowledge of the principles, concepts, and methodology needed to perform and/or direct duties associated with environmental engineering and requiring knowledge, skills, and abilities generally acquired to be able to communicate with and motivate others in the satisfactory performance of duties and responsibilities.

ENVIRONMENTAL ENGINEER III
GRADE N

2043

Responsibilities associated with this class consist of duties that will vary depending on circumstances and require substantial analysis in selecting the appropriate procedures, processes, or methods for accomplishing the work. Decisions require the application of learned concepts and/or theories to accomplish a broad range of activities. Guidelines

are available within the work area but require some interpretation and/or adaptation for application to specific cases or problems associated with assigned duties. Management responsibility includes directing the work of others involved in activities of the same or similar nature and generally working toward a common goal. Duties will be planned and accomplished under general guidance and direction and require coordination, policy interpretation, and individual initiative to resolve problems or conflicts that may arise. Responsibilities include making final decisions affecting organizational goals and objectives and providing control of the outcome of those decisions.

DESIRABLE LEVEL OF KNOWLEDGE, SKILL, AND ABILITY:

Knowledge of the principles, concepts, and methodology needed to perform and/or direct duties associated with environmental engineering. Requiring knowledge, skill, and ability generally acquired and developed through formal education, extensive training, and/or relevant experience in work of an equivalent type and complexity. A moderately high degree of interpersonal skill is required to be able to communicate with and motivate others in the satisfactory performance of duties and responsibilities.

Eff. Date: 05/90

Rev: 01/00 – Word processing conversion

Rev: 07/12 – Conversion to Hay System