

ENVIRONMENTAL SPECIALIST 1

KIND OF WORK

Entry level environmental specialist work.

NATURE AND PURPOSE

An employee in this class, under the immediate supervision of a Environmental Specialist 3, or other higher level Environmental Specialist staff, conducts moderately difficult environmental or pollution studies, surveys and investigations. Assignments are specific and limited in nature. Reports and recommendations are reviewed for soundness of judgment and technical accuracy by higher level staff.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Conducts investigation and/or surveillance of municipal and private and/or commercial wastewater treatment facilities and recommends appropriate actions so that the facilities maintain compliance with applicable water quality and effluent limitations.

Assists in the review of operation and maintenance manuals for completeness and accuracy so that a trained operator may operate a wastewater treatment facility efficiently.

Obtains representative samples from non-point and point source discharges so that analyses can be conducted to determine presence and degree of pollution.

Conducts inspections of various pollution sources to determine compliance or non-compliance with pollution control regulations and standards.

Calibrates and maintains monitoring and sampling equipment so that data obtained is accurate.

Assists in the review of requests for variances from effluent limitations and other exemptions pertaining to National Pollution Discharge Elimination System and State Disposal System permits so that staff positions may be formulated regarding the effect of such requests on the environment.

Reviews permit applications for completeness and conformance to established policies so that recommendations regarding permit determinations can be made.

Investigates pollutant spills in order to estimate potential damage and recommend corrective measures.

Responds to routine complaints to ensure that complaints are resolved in a timely manner.

Develops and conducts training courses and materials so that clientele attain a desirable level of expertise.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Basic sciences such as mathematics, chemistry, biology physics, bacteriology, geology, or hydrology.

Acceptable methods of sampling, testing environmental pollutants.

Ability to:

Deal effectively with people.

Communicate effectively both verbally and in writing.

Est.: 4/25/68

Rev.: 4/30/76, 5/78, 6/13

T.C.: 4/30/76

Former Title(s): Pollution Control

Specialist II; Pollution Control Specialist