

STATE OF OHIO (DAS)CLASSIFICATION
SPECIFICATION**CLASSIFICATION SERIES:**

Water Quality Engineer

SERIES NO.:

8573

MAJOR AGENCIES:

Environmental Protection Agency

EFFECTIVE DATE:

01/09/2005

SERIES PURPOSE:

The purpose of the water quality engineer occupation is to supervise personnel engaged in inspection activities & permit preparation of municipal wastewater facilities.

Incumbents supervise personnel & monitor inspection activities.

CLASS TITLE

Water Quality Engineer

CLASS NUMBER

85732

PAY RANGE

14

EFFECTIVE

01/09/2005

CLASS CONCEPT:

The supervisory level class works under general direction & requires thorough knowledge of engineering in order to supervise personnel & monitor inspection activities relative to municipal waste water facilities & processing of state & federal permit applications.

<u>CLASS TITLE</u>	<u>CLASS NUMBER</u>	<u>B. U.</u>	<u>EFFECTIVE</u>	<u>PAY RANGE</u>
Water Quality Engineer	85732	EX	01/09/2005	14

JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Supervises personnel & monitors inspection activities concerning municipal wastewater facilities & processing of state & federal permit applications to install wastewater treatment facilities & prepares appropriate permit specifying conditions to ensure compliance to state & federal regulations & guidelines.

Provides technical assistance to public officials, consulting engineers, developers, architects & interested citizens on Ohio water pollution controls & regulations.

Assists in counseling & training employees; works with advisory board of engineers on make-up of examination for operators certification in wastewater area; interviews & recommends hiring of prospective employees.

Evaluates sewage facilities & landfill plans for environmental rules & regulations; prepares written recommendations & submits to supervisor for approval or rejection.

Participates in formulation of policies & procedures & informs staff & public officials of changes; compiles information on activities & prepares written monthly report.

MAJOR WORKER CHARACTERISTICS:

Knowledge of supervision; public relations; office practices & procedure*; employee training & development; safety practices; management*; interviewing; government structure & process*; engineering. Ability to define problems, collect data, establish facts & draw valid conclusions; use statistical analysis; establish friendly atmosphere as supervisor of work unit; interpret extensive variety of technical material in book, journals, manuals; write instruction & specifications; deliver lectures on engineering to specialized groups; gathers information according to established methods.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

Certificate of registration as professional engineer issued by Ohio Board of Registration for Professional Engineers & Surveyors; 3 yrs. exp. as registered, professional engineer, 6 mos. of which was as lead worker, supervisor or in administrative capacity.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:

N.A.

UNUSUAL WORKING CONDITIONS:

Exposed to gas fumes & odors from sewage facilities.