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.

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.
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<th>CLASS TITLE</th>
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<th>EFFECTIVE</th>
<th>PAY RANGE</th>
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<tr>
<td>Water Quality Engineer</td>
<td>85732</td>
<td>EX</td>
<td>01/09/2005</td>
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**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.