**SERIES PURPOSE:**
The purpose of the environmental economist occupation is to develop & apply economic & financial analytical methodologies to municipalities & industries in order to determine municipalities'/industries' ability to fund pollution abatement projects &/or pay civil penalties &/or repay loans & to review, analyze & assist in the formulation of agency policies that have economic impact, pertaining to pollution discharge limits, cost/benefit issues, economic needs testing, economic incentives, or economic development issues.

**CLASS TITLE:**
Environmental Economist

**CLASS NUMBER:**
66371

**EFFECTIVE DATE:**
03/07/2004

**CLASS CONCEPT:**
The full performance level class works under direction & requires thorough knowledge of economics in order to develop economic & financial analytical methodologies & apply these methodologies to municipalities & industries in order to determine municipalities'/industries' ability to fund pollution abatement projects &/or pay civil penalties &/or repay loans & to review, analyze & assist in the formulation of agency policies that have economic impact, pertaining to pollution discharge limits, cost/benefit issues, economic needs testing, economic incentives, or economic development issues.
EFFECTIVE DATE: 03/07/2004

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.)

Develops economic & financial analytical methodologies to analyze municipalities &/or industries (e.g., water quality standards variance; civil penalty; emergency village capital improvement special account; capital improvement fund; interest rate determination; Ohio Water Development Authority hardship loans) regulated by Environmental Protection Agency in order to determine municipalities'/industries' ability to fund pollution abatement projects &/or pay civil penalties &/or repay loans.

Conducts economic & financial analyses & cost research studies of municipalities & industries, reviews financial data to calculate penalty to be used in settlement of enforcement action against violators of pollution laws & regulations; collects, organizes & statistically analyzes economic data to include sewer rate survey, census data & auditor's data required for development of economic & financial analytical methodologies; uses computer spreadsheet &/or data management software &/or statistical analysis software in order to analyze & prepare graphics of economic data; recommends modifications to economic & financial analytical methodologies; reviews, analyzes & assists in the formulation of agency policies that have economic impact, to include pollution discharge limits, cost/benefit issues, economic needs testing, economic incentives or economic development issues.

Acts as expert witness in litigation when any of economic/financial methodologies used by economist is challenged, explains analysis in detail to assistant attorney general & provides verbal/written testimony.

MAJOR WORKER CHARACTERISTICS:

Knowledge of economics (i.e., micro & macro); statistical analysis, finance &/or accounting, applicable federal & state laws*, applicable federal guidelines & agency policies*, rules & guidelines pertaining to economic & financial analytical methodologies*. Skill in use of calculator; computer software*. Ability to use statistical analysis; use research methods in gathering data; use judgment to determine which data to use in analysis in order to draw valid conclusions; prepare meaningful, concise & accurate reports; write &/or edit technical papers for publication/public distribution; use computer spreadsheet database management & statistical software to sort, analyze & graph economic data.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

Completion of graduate core program in economics to include micro & macro-economics, statistical analysis, finance &/or accounting; valid driver's license.

- Or completion of undergraduate core program in economics to include micro & macro economics, statistical analysis, finance &/or accounting; 12 mos. trg. or 12 mos. exp. performing economic &/or financial analysis in one or more of the following areas:
  - economic analysis of financial status of an industry or of a company within a specific industry; valid driver's license.
  - analysis of socioeconomic characteristics of government entities; valid driver's license.
  - statistical analysis of economic databases (with or without use of computer programs); valid driver's license.
  - financial statement analysis; valid driver's license.

- Or equivalent of Minimum Class Qualifications For Employment noted above.

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

Not applicable.

UNUSUAL WORKING CONDITIONS:

Not applicable.