

NATURAL RESOURCES SPECIALIST INTERMEDIATE - FISHERIES

KIND OF WORK

Professional fisheries management work.

NATURE AND PURPOSE

Under limited supervision, serve as primary assistant to supervisor of a fisheries area or large and/or complex fish hatchery in all technical and administrative aspects of operations. Functions as formal station leadworker to other staff including professional, technical, and/or laborers; makes independent program and administrative decisions requiring application of advanced fisheries management principles and practices; perform related work as required.

Intermediate level is distinguished from NR Specialist Fisheries level by independent responsibility for programs or projects and leadwork of other professional, as well as nonprofessional staff. It is distinguished from NR Specialist, Senior level by narrower scope of project/programs and by level of discretion.

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

Assist supervisor in area administrative responsibilities including personnel, budget and equipment maintenance by maintaining equipment records, recommending evaluations for employees, and purchasing supplies.

Monitor and administer fish production in a hatchery so that hatchery objectives are met by feeding fish, cleaning raceways, recognizing and treating stress and disease, conducting spawn-taking operations, providing information for periodic production reports, training new employees and overseeing their work.

Coordinate and oversee lake and stream investigations by acting as leadworker, scheduling surveys, and analyzing data.

Maintain or oversee maintenance of hatchery equipment so production quotas are met by constructing or repairing equipment and recommending needed equipment and materials.

Coordinate and oversee habitat improvement projects by acting as leadworker, designing and scheduling projects and analyzing data.

Direct and coordinate fish production and distribution to maintain harvestable yield based on stocking programs and historical stocking quotas by operating egg-taking and hatchery programs, assessing and acquiring rearing ponds, distributing fry, harvesting fingerlings, and conducting surveys and population assessments.

Direct the work of other employees to ensure goals are met by setting work priorities, assigning work, evaluating completion, and recommending training.

Promote a public relations program so that clients are informed of fisheries management programs, informed and educated about aquatic resource issues, and involved in decision making by encouraging cooperation with projects, providing information on project parameters, consulting on problems, making community presentations, and writing explanatory material.

Design, integrate, and implement fisheries and aquatic habitat concerns into plans and actions of private parties, governmental agencies, and other interest groups to provide for protection or enhancement of fish environments by informing other disciplines and agencies of activities, reviewing permit applications and making recommendations, evaluating existing habitat, designing methods for improving habitat and supervising crews working on these projects.

#### KNOWLEDGES, SKILLS AND ABILITIES REQUIRED

##### Knowledge of:

Fisheries science, aquatic biology, limnology and ecology sufficient to supervise, conduct, and design surveys habitat improvement projects, including collecting data, analyzing results and making conclusions.

Fish hatchery management, fish handling techniques, feed and growth projection, disease recognition and treatment sufficient to implement management's policies and practices and achieve goals.

DNR policies and regulations sufficient to organize and analyze data.

Computer proficiency, including knowledge of databases, spreadsheets, and statistical programs sufficient to efficiently analyze data.

##### Ability to:

Present technical information effectively orally and in writing.

Conduct field research sufficient to collect pertinent data.

Interpret biological and other aquatic data sufficient to draw reasonable conclusions.

Lead work of others.

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Class Specification

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Work in adverse weather and environmental conditions.

Maintain hatchery mechanical and construction equipment.

Transport and handle fish to avoid shock and loss.

Operate and maintain motorized equipment (e.g., boats, motors, trailers) and tools used in field operations.

Est.: 08/30/00

Rev.:

Ckd.:

T.C.:

Former Title(s):