

GREEN BAY METROPOLITAN SEWERAGE DISTRICT

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Title: Water Resources Technician (Seasonal) Position Description		Number of Pages: 3
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DIVISION: **Technical Services** **PAY GRADE:** **Seasonal**

SECTION: **Laboratory Services** **EXEMPT:** **No**

REPORTS TO: **Water Resources Specialist**

SUBORDINATES: **None**

SUMMARY:

Individuals in this classification perform responsible technical work under the direct supervision of the Water Resources Specialist. This is a seasonal position that is not eligible to receive Green Bay Metropolitan Sewerage District (GBMSD) benefits.

The duties of this position involve support activities affiliated with the GBMSD's Ambient Water Quality Monitoring Program, whole effluent toxicity testing, and special projects conducted by the Water Resources Specialist.

Work is performed with initiative and minimal supervision, in accomplishing delegated duties.

ESSENTIAL DUTIES and RESPONSIBILITIES:

Assists in all aspects of fieldwork conducted for the GBMSD's Ambient Water Quality Monitoring Program. Field duties include water sampling, sediment sampling, conducting limnological profile measurements, biological sampling, and installing and maintaining monitoring equipment.

Serves as "First Mate" on the GBMSD's workboat. Responsibilities include assisting with boat operations and navigation, cleaning and maintenance of the workboat, and occasionally operating the workboat.

Assists in various aspects of laboratory work. Those associated with the Ambient Water Quality Monitoring Program include conducting routine laboratory analyses, cleaning sample containers, cleaning and maintaining sampling equipment, downloading data from data loggers, transcribing data, and data processing. Assists the laboratory staff on an occasional basis, duties include conducting routine laboratory analyses, cleaning sample containers and lab ware, and data processing.

Assists in conducting whole effluent toxicity testing. Those duties include collecting samples, culturing test organisms, conducting reference toxicant testing, and preparing foods, reagents and test solutions.

Assists the Water Resources Specialist in conducting special projects. Duties may include field activities, lab work, or literature searches.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge

Students in this position should have a general science background with good knowledge of laboratory practices and terminology, aquatic biology, and chemistry.

Skills and Abilities

Considerable teamwork skills and abilities are required. Students in this position must be reliable, work with initiative, and work effectively with co-workers. The position also requires the ability to follow complex directions, and organize and accomplish tasks with minimal supervision.

Good technical skills and abilities are required. The position requires good laboratory techniques, basic mechanical abilities, good computer skills in spreadsheet applications, and basic boating skills.

A valid driver's license is required.

QUALIFICATIONS:

Successful candidate must be a student working toward a degree in environmental science, biology, aquatic science, toxicology, or a related discipline. The student should have completed coursework in aquatic biology, chemistry, limnology and/or toxicology.

WORKING CONDITIONS:

Normal working environments include outdoors, typically on a small boat, and indoors in an office or laboratory. Repeated lifting and carrying of equipment and samples weighing up to 50 lbs., standing, walking, and climbing characterize field activities. Field work is conducted under nearly all weather conditions, resulting in working conditions which include hazards of rolling and pitching of the boat due to wave action, wet surfaces, hot and cold temperatures, and exposure to direct and reflected solar radiation. Fieldwork is conducted away from restroom facilities for up to 5 hours at a time.

Indoor activities are characterized by occasional lifting and carrying of equipment and samples weighing up to 50 lbs., standing, walking, viewing samples through a microscope, and working at a PC. Laboratory working conditions include the hazards of potential exposure to carcinogens, toxic chemicals and pathogenic organisms.

The level of normal exposure to risk/hazard is a known element of the position and safety devices and procedures are regularly used to prevent accidents or injuries.

APPLICATION:

This position description is intended to identify essential duties and also illustrates other kinds of duties that may be assigned to its incumbents. It should not be interpreted as describing all of the duties that will be required of employees or be used to limit the nature and extent of assignments that an individual is required to perform.

**Position Descriptions are subject to revision
at any time at the discretion of management.**