



# MARIN MUNICIPAL WATER DISTRICT

## Water Conservation Specialist I

### **DEFINITION**

Under close supervision, analyzes customer water use; participates in District water conservation programs; performs interior and exterior water audits; and does related work as required.

### **DISTINGUISHING CHARACTERISTICS**

This is the entry-level classification in the Water Conservation Specialist series. Incumbents, work under close supervision, performing the less complex water conservation duties, involving water use calculations and analysis.

The Water Conservation Specialist I is distinguished from the Water Conservation Specialist II, which is the journey level classification. The Water Conservation Specialist II establishes water allocations for the more complex accounts and implements water conservation programs. On a training or emergency basis, the Water Conservation Specialist I may be assigned more complex water conservation duties normally performed by the Water Conservation Specialist II.

### **EXAMPLES OF DUTIES**

Typical duties may include but are not limited to the following:

- Researches and analyzes customer's water use records;
- answers consumer inquiries in person and by telephone regarding water use and water conservation programs;
- researches, creates, and maintains records, files, and directories;
- participates in a variety of water management and conservation programs;
- conducts interior and exterior water audits for a variety of users;
- receives phone calls from customers for scheduling appointments for water use surveys;
- enters water use survey data into customer data base program;
- performs field inspections making field measurements, calculations, sketches and inspects for plumbing fixtures;
- schedules and coordinates customers who request to attend District sponsored residential workshops and seminars;
- prepares and distributes necessary correspondence, reports, and records to District customers and employees;
- gives presentations in support of school education programs;
- uses a computer to enter, access and update information;
- interacts with other departments regarding consumer accounts and billings;
- prepares and conducts water conservation presentations for the public; and
- performs related duties and responsibilities as required.

## **QUALIFICATIONS FOR EMPLOYMENT**

### Knowledge of:

- Basic principles, practices, and methodologies of water conservation;
- principles of basic to moderate mathematical calculations;
- creating/storing word processing and spreadsheet computer files, in a network Windows environment;
- computer entry and retrieval;
- techniques for effectively interacting with the public, in person and by telephone;
- proper spelling, grammar, punctuation and writing practices.

### Ability to:

- Make accurate mathematical calculations of moderate difficulty;
- analyze problems, examine alternatives and recommend solutions;
- interpret, apply and explain policies and procedures;
- explain basic water conservation methods and products to the public;
- type with sufficient speed and accuracy to enter data and produce correspondence;
- prepare and maintain clear and concise records, reports and correspondence;
- interact effectively with the public, in person and by telephone;
- operate a variety of standard office equipment including a computer and calculator;
- interview and accurately record customer responses regarding indoor and outdoor water use habits;
- establish and maintain effective working relationships with those contacted in the course of work;
- lift and carry objects up to twenty-five pounds;
- maintain a physical condition necessary for walking, standing or sitting for prolonged periods of time; and
- follow applicable safety rules and regulations.

Training and Experience: Any combination equivalent to experience and education that could likely provide the required knowledge and abilities would be qualifying. A typical way to obtain the knowledge and abilities would be:

- Completion of twelfth grade or its equivalent; and one year experience in water conservation, or a directly related field; and demonstrated customer relations experience. Landscaping knowledge is desirable, but not required.

## **LICENSES AND/OR CERTIFICATIONS**

- Obtain an IA Certified Landscape Irrigation Auditor certificate or equivalent within twelve (12) months of the date of hire;

## **OTHER REQUIREMENTS**

- Per California Government Code, Title 1, Division 4, Chapter 8, Section 3100 "all public employees are hereby declared to be disaster service workers subject to such disaster service activities as may be assigned to them by their superiors or by law."
- Possession of an appropriate California driver's license issued by the State Department of Motor Vehicles and satisfactory driving record.



### **PHYSICAL DEMANDS AND WORKING CONDITIONS**

During the course of performing job duties the employee will need the mobility to work in a standard office setting, operate equipment, which may include office and/or field equipment, or specialized instruments or tools requiring repetitive arm/hand movement and/or the coordinated movement of more than one limb simultaneously; enter and retrieve data from personal computers and terminals via keyboards which is often performed while sitting for extended periods of time. The employee frequently stands, walks, bends at neck and waists, twists at neck and waist, uses simple and power grasping with both hands, uses fine manipulation of both hands and fingers, and may require use of the arms above the shoulder, climb or balance; stoop, kneel or crouch. While working in the field the employee may walk on uneven or un-level ground surfaces such as hills, slopes, ditches or trenches, on or in tanks, and may work at heights up to ten to twelve feet climbing ladders or stairs. The employee is occasionally required to lift and carry short distances objects such as reams of copier paper, office supplies, files, books, printed materials and other packages or equipment weighing up to 10 to 25 pounds. This position requires that the employee demonstrate adequate hearing and speech to converse in person and over the telephone, and vision to read printed materials and use a computer screen. In order to drive, individuals must be physically capable of operating the vehicles and equipment safely.

The noise level in the work environment is quiet to moderate noise. The employee is exposed to outdoor temperature, humidity, wetness and dust. The position may require the ability to work overtime and weekends as needed.

*To be successful in this job, an individual must be able to satisfactorily perform each of the listed duties. These duties are representative of the knowledge, skill and/or ability required for the position. Reasonable accommodations may be made to enable individuals with disabilities to perform the duties and functions of the position. Requests for reasonable accommodation should be directed to the Human Resources Manager.*

Established: November 1994  
Revised: August 2013  
Approved by: Human Resources Manager



# MARIN MUNICIPAL WATER DISTRICT

## WATER CONSERVATION SPECIALIST II

### **DEFINITION**

Under general supervision, analyzes residential and non-residential customer water use; determines water allocations, including those for major accounts involving complex situations; performs various ordinance compliance inspections; performs interior and exterior water consultations; participates and implements landscape water management and other conservation programs; and does related work as required.

### **DISTINGUISHING CHARACTERISTICS**

This is a journey level classification in the Water Conservation Specialist series. Incumbents work with a minimum of supervision and are assigned more difficult and complex duties.

### **EXAMPLES OF DUTIES**

- Performs analysis of complex water uses, problem accounts, and major residential and non-residential customers;
- studies and reviews various landscape, grading and irrigation plans for compliance with District ordinances;
- analyzes complex water use problems and makes recommendations as to their resolution;
- performs field inspections for installation of water saving plumbing fixtures and landscape/irrigation components;
- reviews and analyzes consumer's water use records, and establishes annual water budgets;
- compiles and analyzes statistical data;
- participates in a variety of District water management and conservation programs;
- prepares and conducts water conservation workshops and seminars;
- conducts interior and exterior water audits for a variety of customers;
- meets with and answers customer's inquiries and interprets District policies as required;
- prepares detailed correspondence, reports, and records,
- researches and maintains records and files;
- operates a personal computer and a variety of computer software, office equipment and tools;
- may train and direct the work of others;
- follows applicable safety rules and regulations;
- performs related duties and responsibilities as required.

### **QUALIFICATIONS FOR EMPLOYMENT**

Knowledge of:

- principles, practices and methodologies of water conservation;
- principles and practices of horticulture, landscaping, and irrigation systems;
- basic principles of interior plumbing and various water saving plumbing fixtures;
- creating/storing word processing and spreadsheet computer files in a Network Windows environment;



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- proper spelling, grammar, punctuation and writing practices.

**Ability to:**

- Make mathematical calculations of moderate difficulty;
- read and interpret landscape, grading, and irrigation plans and specifications to determine policy and ordinance compliance;
- perform data entry and retrieval at an intermediate skill level;
- proficiently operate a personal computer and utilize word processing, spreadsheet, and database software programs;
- understand, interpret and enforce District policies/ordinances that require field verification inspections to achieve compliance;
- prepare and maintain accurate and detailed records, reports and correspondence;
- perform field measurements, calculations, and sketches;
- analyze complex problems and identify alternatives and recommend solutions;
- establish and maintain effective working relationships with those contacted in the course of work;
- deal effectively and tactfully with consumers and their account representatives and officials;
- lift and carry objects up to fifty pounds;
- maintain a physical condition necessary for walking, standing or sitting for prolonged periods of time;
- follow applicable safety rules and regulations;
- depending upon job assignment, drive a vehicle;
- travel to alternative work locations and offsite meetings.

**Training and Experience:**

Any combination of training and experience that would lead to the acquisition of knowledge and abilities listed above. Examples of qualifying education and experience are:

- Graduation from an accredited college or university with a bachelor's degree in physical science, landscape architecture, horticulture or closely related field and one year's experience performing residential and/or non-residential landscape audits, water usage investigation and analysis, and related water conservation activities;
- Graduation from an accredited college with an associate degree in physical science, landscape architecture, horticulture or closely related field and two years of experience performing residential and/or non-residential landscape consultations, water usage investigation and analysis, and related water conservation activities;
- Completion of twelfth grade or its equivalent; and four years of experience performing residential and/or non-residential landscape consultations, water usage investigation and analysis, and related water conservation activities.

**OTHER REQUIREMENTS**

- Per California Government Code, Title 1, Division 4, Chapter 8, Section 3100 "all public employees are hereby declared to be disaster service workers subject to such disaster service activities as may be assigned to them by their superiors or by laws." (Ref: California Government Code, Title 1, Division 4, Chapter 8, Sections 3100 – 3109);
- possession of or the ability to obtain an appropriate California driver's license issued by the State Department of Motor Vehicles and satisfactory driving record;

- possession of an Irrigation Association – Certified Landscape Irrigation Auditor's certificate or equivalent within one year from the date of employment;

### **PHYSICAL DEMANDS AND WORKING CONDITIONS**

During the course of performing job duties the employee will need the mobility to work in a standard office setting, operate equipment, which may include office and/or field equipment, or specialized instruments or tools requiring repetitive arm/hand movement and/or the coordinated movement of more than one limb simultaneously; enter and retrieve data from personal computers and terminals via keyboards which is often performed while sitting for extended periods of time. The employee frequently stands, walks, bends at neck and waists, twists at neck and waist, uses simple and power grasping with both hands, uses fine manipulation of both hands and fingers, and may require use of the arms above the shoulder, climb or balance; stoop, kneel or crouch. While working in the field the employee may walk on uneven or un-level ground surfaces such as hills, slopes, ditches or trenches, on or in tanks, and may work at heights up to ten to twelve feet climbing ladders or stairs. The employee is occasionally required to lift and carry short distances objects such as reams of copier paper, office supplies, files, books, printed materials and other packages or equipment weighing up to 10 to 25 pounds. This position requires that the employee demonstrate adequate hearing and speech to converse in person and over the telephone, and vision to read printed materials and use a computer screen. In order to drive, individuals must be physically capable of operating the vehicles and equipment safely.

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Established: March 2000  
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