

**SCOTTS VALLEY WATER DISTRICT  
WATER RECYCLING PROGRAM**

**Article 8 of  
Rates, Rules and Regulations  
Established by Ordinance No. 133-01**

**RULES AND REGULATIONS**

**FOR**

**RECYCLED WATER CUSTOMERS**

**Adopted by the  
Scotts Valley Water District  
February 2001**

**Approved by the  
California Department of Health Services  
April 2000**

*Prepared by  
EOA, Inc.*

1.0 PURPOSE AND INTENT ..... 1

2.0 WATER RECYCLING POLICY STATEMENT ..... 1

3.0 ADMINISTRATION..... 1

    3.1 General ..... 1

    3.2 Recycled Water System Regulations ..... 2

4.0 WATER RECYCLING PROGRAM GOALS..... 2

5.0 SEVERABILITY ..... 3

6.0 SERVICE AREA..... 3

7.0 PROCEDURES FOR SELECTING RECYCLED WATER CUSTOMERS..... 4

    7.1 Mandatory Recycled Water Use ..... 4

    7.2 General ..... 4

    7.3 Conversion of Existing Facilities ..... 4

    7.4 Customer Selection Criteria ..... 5

    7.5 New Developments: Requirement to Use Recycled Water ..... 5

8.0 USES OF RECYCLED WATER..... 5

    8.1 Authorized Uses of Recycled Water ..... 5

    8.2 Non-Approved Use Areas ..... 6

9.0 CONDITIONS OF SERVICE..... 6

    9.1 Permit Required ..... 6

    9.2 Financial Conditions..... 6

    9.3 Operational Conditions ..... 7

    9.4 Termination of Service ..... 7

    9.5 Penalty for Violations ..... 8

    9.6 Amendments..... 8

10.0 ADMINISTRATIVE REQUIREMENTS; RECYCLED WATER USE PERMITS ..... 8

    10.1 Permit Application Process ..... 9

10.2 Requirements for Dual Plumbed Systems..... 10

10.3 Permit Conditions..... 12

10.4 Other Applicable Codes and Regulations..... 12

10.5 Time Permit is in Effect..... 14

10.6 Renewal of Permit..... 14

10.7 No Transfer of a Permit. .... 15

10.8 Customers Outside of District Boundaries..... 15

10.9 Rates, Fees, Charges and Deposits..... 15

11.0 OBTAINING RECYCLED WATER SERVICE ..... 15

12.0 TECHNICAL REQUIREMENTS..... 16

    12.1 Installation of Services ..... 16

    12.2 Service Connection Limitations ..... 16

    12.3 Protective Measures ..... 17

    12.4 Facilities Design and Construction ..... 20

    12.5 Emergency Connection to the Potable Water System ..... 24

13.0 DESIGN, INSTALLATION, AND INSPECTION..... 24

    13.1 Design Approval..... 24

    13.2 On-Site Recycled Water Service ..... 24

    13.3 Basis for Plan Review Criteria ..... 27

    13.4 Summary of Design Review Criteria..... 27

    13.5 Cross-Connection Tests ..... 27

    13.6 Construction Inspection ..... 28

    13.7 Field Testing and Inspection..... 28

    13.8 Temporary Connection to Potable Service..... 29

    13.9 Installation of Services..... 29

    13.10 Changes in Customer’s Equipment ..... 29

    13.11 Pressure Conditions ..... 29

    13.12 Who To Install..... 29

    13.13 Meters ..... 29

    13.14 Final Inspection..... 30

13.15 Final Approval .....	30
14.0 FACILITIES OPERATION .....	30
14.1 Conditions of Service .....	30
14.2 Off-Site Facilities .....	31
14.3 On-Site Facilities .....	31
14.4 Damage to Recycled Water System Facilities.....	32
14.5 Personnel Training .....	33
14.6 Maintenance .....	33
14.7 Monitoring and Inspection.....	34
14.8 Periodic Cross-Connection Testing .....	36
14.9 Hours of Operation .....	36
14.10 Maintaining and Updating Record Drawings .....	36
14.11 Reporting of Emergencies .....	36
14.12 System Not in Compliance .....	36
14.13 Notification .....	36
14.14 Emergency Procedures .....	37
14.15 Emergency Cross-Connection Response Plan .....	37
15.0 RECYCLED WATER CHARGES .....	39
15.1 Responsibility for Recycled Water Service Account.....	39
15.2 Meter Reading .....	39
15.3 Meter Test - Deposit .....	39
15.4 Non-Registering Meters.....	39
15.5 Meter Misreads .....	39
15.6 Billing Period .....	39
15.7 Opening and Closing Bills.....	40
15.8 Payment of Bills .....	40
15.9 Billing of Separate Meters Not Combined .....	40
15.10 Delinquencies .....	40
15.11 Disconnection for Non-Payment.....	40
15.12 Credit Establishment and Maintenance .....	41

**Scotts Valley Water District Water Recycling Program  
Rules and Regulations**

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15.13 Credit Worthiness .....	41
15.14 Return of Security Deposit.....	41
15.15 Loss and Re-establishment of Credit.....	41
15.16 Re-Connection Charge .....	42
15.17 Upon Vacating Premises .....	42
15.18 Leakage Adjustment Policy .....	42
15.19 Notification of Leak .....	42
15.20 Recycled Water Transmission Mains Used as Recycled Water Distribution Mains .....	42
15.21 New Recycled Water Rates.....	42
15.22 Other Charges .....	43
15.23 Annual Inspection Fee .....	43
15.24 Site Retrofit Costs .....	43

## **1.0 PURPOSE AND INTENT**

The people of the State of California and this District have a primary interest in recycling water to supplement existing surface and underground water supplies and to assist in meeting the future water requirements of the State (California Water Code Section 13510). Communities throughout California are finding ways to conserve water. Where recycled water of suitable quality can be delivered at a reasonable cost, continued irrigation and other uses of potable water for non-potable purposes constitutes an unreasonable use of water.

The residents and businesses of Scotts Valley depend on local groundwater for domestic uses, landscaping, industry and commerce. The groundwater supply is limited, uncertain and expensive—particularly during periodic droughts. The effluent from the Scotts Valley Wastewater Treatment Plant will meet the highest Department of Health Services standards for recycled (also called reclaimed) water. The recycled water will receive filtration and disinfection. The recycled water is suitable for many approved uses. To preserve potable water supplies, this recycled water should be used to replace potable water for non-potable uses wherever possible. More water will be available for everyone's use.

## **2.0 WATER RECYCLING POLICY STATEMENT**

It is the policy of the District that recycled water shall be used within its jurisdiction whenever feasible, and consistent with legal requirements, preservation of public health, safety and welfare, and the environment. Use of potable water for irrigation and industrial uses, when recycled water use is technically and economically feasible, is an unreasonable use of water as stated in California Water Code Sections 13550, 13551, 13552.2, 13552.4, 13552.6, 13552.8, 13553, and 13554.

## **3.0 ADMINISTRATION**

### **3.1 General**

The Scotts Valley Water District (District or SVWD) has a network of pipes physically separate from the potable water distribution system, to distribute recycled water to Recycled Water Customers throughout portions of the District. This recycled water supply will be used for landscape irrigation and other approved uses. The existing, parallel, potable water system will continue to supply drinking water for domestic (residential) and other potable uses.

Article 8 of the District's Ordinance 119-96, *Rules and Regulations for the Recycled Water Customer*, provides administrative policies and regulations pertaining to the District's

responsibilities in the Water Recycling Program.

### **3.2 Recycled Water System Regulations**

The State Department of Health Services (DHS) and the Regional Water Quality Control Board (RWQCB) have issued regulations to insure that recycled water is produced, distributed and used safely. The General Manager of the District's Water Recycling Program (District General Manager) shall make and enforce regulations necessary to the administration of the District's recycled water system in accordance with these state laws and guidelines, and may amend such regulations as conditions require. Article 8 of Ordinance 119-96 (also referred to as *Rules and Regulations for Recycled Water Customers*, and/or *Rules and Regulations*) represent these District regulations for the recycled water system. Recycled Water Customers are required to comply with the *Rules and Regulations for Recycled Water Customers* and its amendments to maximize the amount of water recycled while protecting public health. These *Rules and Regulations* provide outline administrative procedures and permit conditions, basic instruction on how to obtain a Recycled Water Use Permit, and established rules for Recycled Water Customer's on-site systems for distributing and using recycled water.

To facilitate the administration and management of the Scotts Valley Water District Water Recycling Program, Administrative Procedures for District Staff have been prepared. Based on these Rules and Regulations the procedures were written for the use of District Staff, they explain:

- Staff Rule and Responsibilities,
- The overall Program,
- Who are the Potential Recycle Water Customers,
- Permitting Process, and
- Inspections, including forms.

### **4.0 WATER RECYCLING PROGRAM GOALS**

The Scotts Valley Water District's Water Recycling Program will:

- Achieve conservation of potable water supplies by using recycled water for current and future demands. Recycled water uses may include:
  - landscape irrigation
  - agricultural irrigation
  - construction use
  - commercial uses (including flushing toilets and urinals)
  - industrial processes
  - landscape and/or recreational impoundments
  - groundwater recharge

- Reduce the discharge of metals to the Pacific Ocean.
- Prevent direct human consumption of recycled water through:
  - Adherence to all applicable laws, rules, regulations, policies, and guidelines.
  - Posting of warning signs at use areas.
  - Pursuing a cross-connection/backflow prevention program.
- Control recycled water runoff by monitoring the installation and operation of all recycled water facilities and use areas.
- Monitor recycled water quality.

## **5.0 SEVERABILITY**

If any section, subsection, sentence, clause or phrase of these *Rules and Regulations* is found to be invalid or unconstitutional, the remaining portions of these *Rules and Regulations* shall remain unaffected. The SVWD Board of Directors declares that it would have approved these *Rules and Regulations* by section, subsection, sentence, clause, or phrase irrespective of the fact that any one or more of the sections, subsections, sentences, clauses or phrases be declared invalid or unconstitutional.

## **6.0 SERVICE AREA**

These *Rules and Regulations* pertain to recycled water provided by the SVWD. The District intends to provide recycled water service to areas identified in the Recycled Water Study, May 1996 or latest version. Recycled water service will be extended incrementally to each area as the distribution system is extended.

The District may enter into agreements with cities and/or other water agencies to determine recycled water use areas within the service area/jurisdiction of those entities.

## **7.0 PROCEDURES FOR SELECTING RECYCLED WATER CUSTOMERS**

### **7.1 Mandatory Recycled Water Use**

No person or public agency, as used in Sections 13551, 13552.4, 13552.8 and 13554 of the California Water Code, shall use water from any source or of quality suitable for potable domestic use for irrigation of greenbelt areas, golf courses, agricultural, industrial, cleaning, toilet flushing (in nonresidential buildings) or similar non-potable uses, when non-potable recycled water of suitable quality can be supplied at reasonable cost.

### **7.2 General**

The District shall adopt a water recycling planning document designating current and potential areas for recycled water use. The planning document may be reviewed and updated as needed. The planning document may be covered in one or more documents covering specific portions of the planning area. The planning document(s) may include, but not be limited to, plants and facilities, recycled water service areas, recycled water quality, and/or an implementation schedule.

Where recycled water is available, or the planning document indicates recycled water will be available within five years, the District may require modifications to existing on-site water facilities to make them compatible with recycled water use. The District may also require new developments in these areas to include facilities for using recycled water.

### **7.3 Conversion of Existing Facilities**

**Preliminary Determination.** Based upon the planning document, where recycled water is available, or the planning document indicates recycled water will be available within five years, the District may require that existing potable Water Customers modify existing on-site water facilities to make them compatible with recycled water use. The District may also require new developments in these areas to include facilities for using recycled water.

These customers will be notified of the preliminary determination requiring conversion to recycled water service. The notification will include the basis for the determination along with the proposed conditions and schedule for recycled water conversion.

**Objection.** The potable Water Customer may file a notice of objection with the District General Manager within thirty (30) days of receipt of notification and request reconsideration. The objection must be in writing and specify the reasons for the objection. The District General Manager shall review the objection and shall confirm, modify or abandon the preliminary determination. The District General Manager shall make a final determination within thirty (30) days of the filing of the notice of objection. The preliminary determination shall be final if the potable Water Customer does not file a timely objection.

Existing potable water Customers have a second opportunity to file a notice of objection. As part of the application process, the District will supply the applicant with site-specific retrofit requirements and a schedule for conversion. Within thirty (30) days of receipt of these specific retrofit requirements, the applicant may file a notice of objection to the requirements or schedule, with the District General Manager, as described above.

#### **7.4 Customer Selection Criteria**

In general, all landscape irrigation uses within an area designated in the planning document or served by the recycled water distribution system will be identified for conversion to recycled water. Other compatible uses within these areas may also be identified. The District may exempt certain customers from this requirement based on technical or economic considerations. The District will make such exemptions on a case-by-case basis, in consideration of the following:

- *Cost Effectiveness*, defined as the cost of conversion divided by the projected annual recycled water usage. The District will track cost effectiveness of conversion projects for different classes of use, and over time, develop numerical guidelines for exempting customers. A project for which the cost effectiveness significantly exceeds the average value for that class may be exempt under these criteria.
- *Economic Hardship*. A Customer seeking exemption under these criteria would need to demonstrate that conversion to recycled water would result in significant economic hardship.
- *Technical Feasibility*. Under certain conditions, site retrofit may not be technically feasible. This criterion is most likely to apply to approved uses other than landscape irrigation.

#### **7.5 New Developments: Requirement to Use Recycled Water**

The District will review all applications for potable water service and determine if recycled water use will be a condition of approval. At a minimum, new facilities in areas served by recycled water, or scheduled for service within five years, will be required to incorporate recycled water usage into the design of irrigation systems. The District may determine that other uses, such as toilet flushing, constitute a technically and economically feasible use.

### **8.0 USES OF RECYCLED WATER**

#### **8.1 Authorized Uses of Recycled Water**

Subject to the conditions of Article 8, Ordinance 119-96, and specific permit requirements,

permits will be issued by the District for all uses approved by the California DHS and the Central Coast Regional Water Quality Control Board (RWQCB) for the quality of recycled water delivered. A list of approved uses for recycled water can be obtained from the District. The District reserves the right to review each proposed use at each location for approval on a case-by-case basis. The District may decline to approve any specific use for reasons of safety, public health, public acceptability, technical feasibility or other concerns, for which the District's judgment shall be final. At its discretion, the District may set forth specific requirements as conditions for the permitted use. The District may also, at its option, require specific prior approval from the RWQCB or DHS.

## **8.2 Non-Approved Use Areas**

**Runoff Conditions** - The irrigation systems shall be designed, constructed and operated to prevent runoff outside the approved use area.

**Ponding Conditions** - The irrigation systems shall be designed, constructed and operated to minimize ponding within the approved use area. This does not apply to approved impoundments such as golf course water-hazards or lakes. At no time shall recycled water be applied at a rate greater than the existing condition infiltration rate.

**Windblown Spray Conditions** - The irrigation systems shall be designed, constructed and operated to minimize windblown spray from passing outside the approved use area.

**Unapproved Uses** - Use of recycled water for any purposes other than those explicitly approved by the District, the State DHS, or the State RWQCB, or use of recycled water in areas other than those specifically shown on the approved plans, is strictly prohibited.

**Disposal In Unapproved Areas** - Disposal of recycled water for any purpose, including approved uses, in areas other than those explicitly approved in the current effective Recycled Water Use Permit issued by the District and without the prior knowledge and approval of the appropriate regulatory agencies, is strictly prohibited.

## **9.0 CONDITIONS OF SERVICE**

### **9.1 Permit Required**

The District will provide service only after a Recycled Water Use Permit is issued. The Recycled Water Use Permit includes any requirements specific to the Recycled Water Customer and is referenced throughout the *Rules and Regulations*. In addition, the Recycled Water Use Permit specifies self-monitoring and periodic on-site observation requirements. The Recycled Water Use Permit is developed by the District during the permit application process.

### **9.2 Financial Conditions**

Recycled Water Customers must maintain current accounts with the Scotts Valley Water District and pay for all recycled water used. Rates for recycled water service shall be set by resolution of the SVWD Board of Directors. Current rates are listed in Section 15 of this Article.

### **9.3 Operational Conditions**

All recycled water will be provided to the Recycled Water Customer in the conditions and quantity specified in the Recycled Water Use Permit. Recycled water use will not be subject to the same restrictions as potable water during droughts.

**Liability.** The District shall not be liable for any damage by water or resulting from defective plumbing, broken or faulty services or recycled water mains, on-site facilities failures, high or low pressure conditions, or interruptions of service.

Recycled water contains higher levels of certain salts and minerals than the District's potable water supply. The District makes no express or implied guarantee that its recycled water is suitable for particular uses at any specific site, or that it is compatible with specific soils, crops or landscape flora. The District shall not be liable for damage to Recycled Water Customer's facilities, including soil, plantings or landscape elements, due to mineral constituents in its recycled water. The District will provide guidance to customers on the successful use of recycled water, such as information on plant selection and irrigation practices.

**Scheduled Deliveries.** In order to maintain acceptable working conditions throughout the recycled water system, the District may schedule recycled water use. Such scheduling may involve programming deliveries to different customers and/or to various portions of a single customer's on-site system. Any scheduling shall consider applicable constraints of all involved regulatory agencies, these *Rules and Regulations*, and the operating constraints of the affected Recycled Water Customers.

**Suspension of Service.** The District may temporarily suspend recycled water service at any time, in the event the recycled water produced at the wastewater treatment plant does not meet the requirements of the regulatory agencies. Recycled water service would, in such case, be restored when the recycled water meets regulatory standards. As an interim measure, the District may provide recycled water service from other approved sources.

### **9.4 Termination of Service**

If any time during construction or operation of the recycled water system, real or potential hazards are evidenced, such as cross-connections with the potable system, improper tagging, signing, or marking, or unapproved/prohibited uses, the District reserves the right and has the authority to terminate immediately, without notice, recycled water service in

the interest of protecting the public health. All modifications required to replace the recycled water supply with potable water shall be at the Recycled Water Customer's expense. Termination will be in the manner described for potable water service in Article 3 (Section 3.13) of Ordinance 119-96. Service shall be terminated if a customer is not in possession of a Recycled Water Use Permit.

The Recycled Water Customer has the right to terminate service if there are no longer suitable uses at that site. The Recycled Water Customer can not substitute potable water where recycled water can be used.

### **9.5 Penalty for Violations**

**Public Nuisance.** The use of recycled water in any manner in violation of this Ordinance 119-96, or any permit issued hereunder, or of the established *Rules and Regulations* (Article 8) is hereby declared a public nuisance and shall be corrected or abated as directed by the District. Any person creating such a public nuisance is guilty of a misdemeanor.

**Injunction.** Whenever a use of recycled water is in violation of this Article or otherwise causes or threatens to cause a condition or nuisance, the District may seek injunctive relief as may be appropriate to enjoin such discharge or use.

**Permit Revocation.** In addition to any other statute or rule authorizing termination of recycled water service, the District may revoke a permit issued hereunder if a violation of any provision of this Ordinance is found to exist or if use of recycled water causes or threatens to cause a nuisance.

**Penalty.** Any owner and/or operator who violates any penal provision of this Ordinance shall, for each day of violation, or portion thereof, be subject to a fine not exceeding \$600. In addition, recycled water and potable water services to the property may be discontinued.

### **9.6 Amendments**

From time to time there may be amendments to the existing *Rules and Regulations*. These amendments may be made without the consent of the Recycled Water Customer. These amendments will be enforced upon their effective date. The District shall submit the amendments to the DHS for review and approval.

## **10.0 ADMINISTRATIVE REQUIREMENTS; RECYCLED WATER USE PERMITS**

This section describes the permit application and details of the permit. Section 11 of Article 8 describes the process of obtaining a permit.

## **10.1 Permit Application Process**

A completed *Application for A Permit to Use Recycled Water* must be submitted to the District by the owner or authorized representative of the property to be served with recycled water. Application forms are available from the District on request. Approval for service shall be indicated by the District's issuance of a *Recycled Water Use Permit*. This permit shall be in addition to any permits and conditions required by other agencies.

The application shall include the following information:

- Site address, assessor's block and lot numbers, or property metes and bounds.
- Applicant's name and address, owner's name and address (if different). Applicant's relationship to the subject property as legal owner, tenant, or lessee.
- Description of planned recycled water use on the property.
- Total irrigated area, expressed in appropriate units (square feet, acres).
- Estimated annual flow and peak flow at point of connection, gallon per minute.
- Designation of Customer's On-site Recycled Water Supervisor, including address and 24-hr phone number.
- Other items that could be of concern when using recycled water.
- Type of land use on the property
- Identification of other governmental entities that may have regulatory jurisdiction over the re-use site related to on-site water use, drinking water, food handling or public health issues, such as USDA, State Food and Drug, State Licensing and Certification, etc.

Site plan of the property. Including/showing:

- All buildings On-Site.
- Size and location of service connection.
- Location of meters and backflow devices relative to buildings, property lines and intersections.
- Location of outdoor drinking fountains, hose bibs, quick couplers and other points of ready access to recycled and potable water systems.
- Location of outdoor eating areas.
- Location of irrigation controllers.
- Location of wells, ponds, storage tanks and or other impoundments.
- Areas to be served with recycled water and areas to be excluded.

- Existing plumbing or irrigation systems to be retrofitted.
- A brief description of all special construction requirements, if applicable.
- Areas of public access.
- Degree of potential access by employees or the public.
- Surrounding land uses.
- Construction details of wells in or near the use area.

The application shall be signed by a principal owner or duly authorized representative of that person stating, under penalty of perjury, that the information contained is true and correct, and that the applicant agrees to comply with these *Rules and Regulations* and any and all other applicable governing documents.

The application package shall consist of the completed application form with drawing/site plan.

Upon receipt of a completed application package, the District shall review the material and respond within thirty (30) calendar days of receipt of the application package. The District may require additional information if deemed necessary. The District shall determine if the property to be served is in a suitable area for recycled water use, and if the necessary quantity and quality of recycled water can be made available to the applicant. The District shall provide other governmental entities that may have regulatory jurisdiction over the re-use site related to on-site water use, food handling, drinking water or public health issues, with a copy of the completed application package for review and comment<sup>1</sup>. These entities may prescribe specific requirements prior to issuing a permit.

The permit shall be the binding agreement between the District and the Recycled Water Customer. The Recycled Water Customer shall report any changes (permanent or temporary) to the premises or operation that significantly change the volume or methods of recycled water use, or any change in the ownership of the facility. A new application must be submitted to reinstate a permit that has been canceled or revoked.

## **10.2 Requirements for Dual Plumbed Systems**

When a facility maintains separate piping system for recycled and potable water, and uses the recycled water to serve either a) plumbing outlets used by the public within a building, or b) landscape irrigation at individual residences, the facility is considered to be “dual plumbed” or to have a “dual plumbed system.” A facility is any type of building or structure, or a defined area of specific public use, that receives water for domestic use from a public water system as defined in Section 116275 of the Health and Safety Code.

Title 22 regulations require that no person other than the District deliver recycled water to a dual plumbed facility. The District will not deliver recycled water for any internal use to any individually-owned residential units including free-standing structures, multiplexes, or

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<sup>1</sup> These entities could include, but are not limited to United States Department of Agriculture, State Food and Drug, State Licensing and Certification, Office of Statewide Health, Planning and Development.

condominiums. The District will not deliver recycled water for internal use except for fire suppression systems, to any facility that produces or processes food products or beverages. (This exclusion does not apply to a cafeteria or snack bar in a facility whose primary function does not involve the production or processing of foods or beverages.)

The District will not deliver recycled water to a dual plumbed system unless the report required pursuant to Section 13522.5 of the Water Code has been submitted to the California RWQCB. This special report shall be submitted as part of the permit application process. The District may also require submission of a report, or its equivalent, for other “in-building” uses of recycled water which do not fall under the Title 22 definition of “dual plumbed.” The special report must include the following (refer to Appendix A of the District’s *Administrative Procedures for District Staff*):

- 1) Information required by Section 60323 of the Water Code.
- 2) A detailed discussion of the intended use area identifying:
  - The number, location and type of facility proposing to use a dual plumbed system.
  - The average number of persons estimated to be served by the facility on a daily basis.
  - The specific boundaries of the proposed use area including a map showing the location of each facility to be served.
  - The person(s) responsible for operation of the dual plumbed system at each facility. A facility must have a designated Customer’s On-site Recycled Water Supervisor, who is familiar with and responsible for the proper use of recycled water. Requirements for proper use are described in the District’s *Rules and Regulations for Recycled Water Users*.
  - The specific use of recycled water at the facility.
- 3) Plans and specification which describe the following:
  - Proposed recycled water piping system(s) to be used.
  - Pipe locations for both the recycled and potable systems.
  - Type and locations of the outlets and plumbing fixtures that will be accessible to the public.
  - Methods and devices to be used to prevent backflow of recycled water into the public (potable) system.
  - Proposed signage that complies with the Uniform Plumbing Code Appendix J.

If construction plans and specifications are used to meet this requirement, only the relevant plan sheets and specification sections should be included in the report. Drawings should be “as-built” versions. The recycled and potable water systems shall be clearly delineated (and differentiated from each other) using highlighters or other suitable means. Show points-of-connection to District mains, meters, and backflow devices. Plans and specifications must be submitted prior to the delivery of

recycled water to the facility.

- 4) The methods to be used to assure that the installation and operation of the dual plumbed system will not result in cross connections between the recycled water system and the potable water system. This is to include a description of “in-house” controls and procedures to prevent cross-connection, and a description of pressure, dye or other test methods to be used to test the system initially and every four years thereafter.) The procedure for cross connection testing is specified in Appendix J of the Uniform Plumbing Code (1994). The District’s *Cross-Connection Testing Report for Dual-Plumbed Systems* checklist is used to document the test. Cross-connection testing will be performed by the District’s Cross Connection Control Specialist.

### **10.3 Permit Conditions**

Recycled Water Use Permits are subject to the following conditions:

- The Recycled Water Use Permit is conditional on adherence to specific requirements in Article 8, *Rules and Regulations*. Other appropriate portions of the District Ordinance 119-96, Rates Rules and Regulations shall apply equally and fully to the recycled water distribution system and Recycled Water Customers.
- If deemed essential to protect public health and safety and insure regulatory compliance, the District may impose additional permit conditions at any time.
- The District reserves the right to immediately revoke the permit of any Recycled Water Customer found to be violation of any permit condition and to shut off the recycled water without further notice.
- The Recycled Water Use Permit shall be effective only after the site retrofit and Cross-Connection Test have been successfully completed, and approved by the Scotts Valley Water District. Final approval must also be obtained from the District General Manager.
- A copy of the current permit must be available for review at all times at the use site and on file in the District office.

### **10.4 Other Applicable Codes and Regulations**

The Recycled Water Use Permit is conditional on the Recycled Customer's compliance with the following codes, rules, regulations and policies of the Scotts Valley Water District:

ITEM

DOCUMENT

Submittal of Drawings

Ordinance No. 119-96, Section 9.1

**Scotts Valley Water District Water Recycling Program  
Rules and Regulations**

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Enforcement Ordinance No. 119-96, Section 3.39

Materials District's Standard Specifications and Details

Other applicable guidelines, rules and regulations, ordinances, and specifications that govern the use of recycled water within the District include the following documents, which are incorporated into these *Rules and Regulations* by reference.

AGENCY/ORGANIZATION

DOCUMENT TITLE

California Department of Health Services California Code of Regulations, Title 22  
Division 4, Wastewater Recycling Criteria

California Department of Health Services California Code of Regulations, Title 17  
Regulations Relating To Cross-Connections

California Regional Water Quality Scotts Valley Water District Water  
Control Board, Region 3 Recycling  
Permit

California-Nevada Section, American Guidelines for Distribution of Non-  
Water Works Association Potable Water

California-Nevada Section, Guidelines for the On-Site Retrofit of  
American Water Works Association Facilities Using Disinfected Tertiary  
Recycled Water

Foundation for Cross-Connection Control Manual of Cross-Connection Control  
And Hydraulic Research, School of  
Engineering, University of Southern  
California

International Association of Plumbing Uniform Plumbing Code,  
and Mechanical Officials Appendix J

California Waterworks Standards CCR Title 22, Chapter 16 and **DHS**

Manual of Cross-Connection Control/ DHS  
Procedures and Practices

The Recycled Water Use Permit shall include the following:

- Name and address of owner and Recycled Water Customer.

- Effective date and expiration date of permit.
- Property location, estimated irrigated area, and permitted/approved uses.
- Name, address and 24-hour telephone number(s) of the designated Customer's On-site Recycled Water Supervisor.
- A statement that no changes in the proposed system and/or changes in the ownership of the facilities will be undertaken without application for and issuance of an amended permit from the Scotts Valley Water District.
- A statement that the applicant has read and agrees to comply with permit conditions, under penalty of perjury.
- Self-monitoring requirements and initial permit conditions (if any).
- A completed and approved permit application.

The permit shall incorporate by reference information provided in the permit application. The application shall be attached to the permit.

### **10.5 Time Permit is in Effect**

The Recycled Water Use Permit shall stay in effect for five (5) years with automatic renewal of another five (5) years unless one of the following occurs:

- Permit is revoked by the Scotts Valley Water District.
- A change of property ownership occurs.
- A change of Recycled Water Customer occurs.
- The Recycled Water Customer applies for and is issued a new or amended permit.

### **10.6 Renewal of Permit**

Recycled water use permits must be renewed by the Recycled Water Customer upon expiration unless an automatic renewal is applicable. Application for a permit renewal must be submitted to the District at least sixty (60) days prior to expiration of the existing permit. A time extension may be granted by the District for a period not to exceed sixty (60) days.

### **10.7 No Transfer of a Permit.**

Recycled water use permits are issued to a specific Recycled Water Customer for a specific operation. A recycled water use permit shall not be reassigned, or transferred or sold to a new owner, new customer, different premise, or a new or changed operation.

### **10.8 Customers Outside of District Boundaries**

Distribution of recycled water outside District limits shall be governed by a permit. Depending on the legal requirements imposed on the District to distribute water outside of its jurisdiction, a User Agreement may also be required. This will be determined by the District on a case-by-case basis. Except as may be noted in individual agreements, all User Agreements for recycled water shall be subject to the Ordinance 119-96 and these *Rules and Regulations*. The terms and conditions of User Agreements authorized by the District shall be established by the District, in its sole discretion. Each User Agreement must be in writing and be approved by the District to be valid.

### **10.9 Rates, Fees, Charges and Deposits**

**General.** Rates and fees for Recycled Water Use Permit and for recycled water service shall be set by resolution of the SVWD Board of Directors. The most current rate and fee schedule is included in Section 15 of this Article. Any changes in fee schedules shall be automatically adopted into these *Rules and Regulations for Recycled Water Customers*.

**Change of Rates or Charges.** The District reserves the right to change the schedule of recycled water rates, service charges and any other charges, deposits, or fees at any time.

## **11.0 OBTAINING RECYCLED WATER SERVICE**

The general process to obtain recycled water services is dependent on the site classification. There are three classifications with slightly different procedures. Two of the procedures are for retrofitting existing facilities, the first for sites selected for conversion by the District, and the second for sites that the District has not selected to serve but the property owner has an interest in a recycled water connection. The third set of procedures are for new developments or facilities that are requesting new water service from the District, or are subject to discretionary action from the City of Scotts Valley (e.g., land use permits, building permits). The three classifications include:

Existing Water Customers –

1. District Selected Sites: The District selects a potential Customer based on their location to the District's recycled water distribution system.
2. Property Owner Requested Sites: The property owner requests a recycled water connection at his/her site. In this case, the property owner may be required to

finance the cost to extend the recycled water pipeline to their point of connection.

New Potable Water Service Applicants –

3. New Development Sites: These are new facilities or developments have requested a water connection from the Water District.

Refer to the *Administrative Procedures for District Staff* for a more detailed outline of the three procedures to obtain recycled water service.

## **12.0 TECHNICAL REQUIREMENTS**

### **12.1 Installation of Services**

The District reserves the right to determine the size and location and/or type of recycled water service pipelines, service connections, meters, backflow protection devices and other physical appurtenances related to the recycled water service. All meters shall be installed by, or under the supervision of, the District. Such meters, wherever practical, shall be placed in suitable meter boxes, located in the sidewalk. When it is not practical to place meters in the sidewalk, or between the curb and property line, the meters shall be installed in some convenient place approved by the District upon the Recycled Water Customer's premises, and placed so as to be accessible at all times for inspection, reading and testing.

The District shall, at its own expense, furnish and install service pipe of suitable capacity from its recycled water mains to the customer's water meter, to the extent possible. Under certain circumstances, a property owner requesting recycled water may be required to finance the cost of extending the District's distribution pipeline to their site.

All meters and appliances installed by the District or one of its representatives, whether in a public street or upon the Recycled Water Customer's premises, shall continue to be the property of the District, and may be repaired, replaced or removed by the District at any time. The Recycled Water Customer shall exercise reasonable care to prevent the meters and appliances installed upon the premises from being damaged or destroyed. The District shall be notified of any discovered defects. Any damage to a meter or other appliance or pipes owned by the District, caused by the carelessness or neglect of the Recycled Water Customer will be repaired at the Recycled Water Customer's expense.

The Recycled Water Customer shall install, maintain and repair service piping from the meter downstream to his or her premises at his or her own expense, except as noted under "Cost of Site Retrofit". The Recycled Water Customer shall install a shut-off valve downstream of the meter.

### **12.2 Service Connection Limitations**

The District reserves the right to limit the land area under one ownership or homeowner's association supplied by a single recycled water service connection and a single recycled water meter. A recycled water service connection and its corresponding meter shall not be used to supply adjoining property of a different owner, or to supply property of the same owner across a road, street or other public right-of-way. Additional separate recycled water mains and/or recycled water service lines will be required for all subdivided areas. *Exception:* Irrigation systems in homeowner's associations and other developments where landscaping around homes and in common areas is maintained by jointly controlled association or entity, may be served with one meter. In such cases, the Recycled Water Customer's irrigation piping may cross roads, streets, or other right-of-ways within the association's property.

No person or persons shall open or in any way tamper with or make any addition or alteration whatsoever to any recycled water street main, service connection, meter, stopcock, valve or air-cock connected with the recycled water mains.

Operating pressures in the recycled water distribution system shall be determined by the District. The Customer shall design or operate the on-site system using the available pressure.

### **12.3 Protective Measures**

The following provisions are to protect the District potable water supplies against actual, undiscovered, unauthorized, or potential cross-connections to the Customer's recycled water system. These provisions are in accordance with Title 17 (Public Health) of the California Code of Regulations, and are in addition to, not in lieu of, the controls and requirements of other regulatory agencies, such as the DHS.

**Backflow Prevention.** The provision of recycled water to a premise constitutes an auxiliary water supply not approved for potable use as described in Section 3.11(a) of Ordinance 119-96. All premises served by both potable water and recycled water shall have backflow protection on the Recycled Water Customer's potable water connection as follows:

1. Premises where the public water system is used to supplement the recycled water supply shall have an air gap separation on the Recycled Water Customer's potable water connection.
2. Premises where recycled water is used, other than as allowed under Item 3 below, and there is no interconnection with the potable water system shall have a reduced pressure principle backflow prevention device (RPPD) on the Recycled Water Customer's potable water connection.
3. Residences using recycled water for landscape irrigation as part of an approved dual plumbed use area shall have a double check valve assembly on the

Recycled Water Customer's potable water connection, unless the District obtains approval from DHS to utilize an alternative backflow protection plan that includes an annual inspection and annual shutdown test of the recycled water and potable water systems.

4. Buildings where the fire system is supplied from the public water system and where recycled water is used in a separate piping system within the same building shall have a double check valve assembly on the Recycled Water Customer's water potable water connection.

Approved RPPDs and double check valve assemblies on the District potable water services to the property, as required in these provisions, shall be provided, installed, tested, and maintained by the Recycled Water Customer at customer expense, except as noted in the "Recycled Water Charges" section (Section 15 of Article 8). Test reports shall be submitted to the District's Water Recycling Program as directed. RPPDs shall be located on the property served immediately downstream of the meter and shall not be on the District's facilities. The air gap separation, RPPDs and double check valve assemblies shall be installed as described in Title 17, Section 7603, of the California Code of Regulations.

**Customer Responsibility.** It shall be the responsibility of each Customer, at his or her own expense, to furnish, install, and keep in good working order and safe condition, any and all protective devices required by Article 8. The District shall not be responsible for any loss or damage directly or indirectly resulting from the improper or negligent installation, operation, use, maintenance, repair or interfering with, any protective device by any Recycled Water Customer or any other person.

Requirements governing backflow prevention are intended to protect the District's potable water supplies and are not intended to protect Customers from potential hazards of cross-connections within their own property.

**Customer's On-Site Recycled Water Supervisor.** It is the responsibility of the Recycled Water Customer to provide surveillance and supervision of the recycled water system in a way that assures compliance at all times with current regulations. In order to accomplish this, the Customer shall designate, with the approval of the District, an On-site Recycled Water Supervisor to provide liaison with the District. This person may represent the owner, tenant, or property manager as appropriate; however, he/she must be a permanent employee responsible for the recycled water system at the site, who is available at all times and has the authority to carry out any requirements of the Water Recycling Program.

In selecting the On-Site Recycled Water Supervisor, the Recycled Water Customer shall ensure that the On-Site Recycled Water Supervisor satisfies these following minimum requirements:

- The Customer's On-Site Recycled Water Supervisor must be knowledgeable of the provisions contained in these *Rules and Regulations*, customer's specific *Recycled Water Use Permit*, Title 17 and Title 22 relating to the safe use of recycled water and the maintenance of accurate records.
- The Customer's On-Site Recycled Water Supervisor must be familiar with and trained in the basic concepts of backflow and cross-connection prevention, system testing, and related emergency procedures.
- The Customer's On-Site Recycled Water Supervisor should be permanently stationed at the use site, or at a minimum, make frequent visits to the use site as specified in the Recycled Water Use Permit
- The Customer's On-Site Recycled Water Supervisor shall attend a training workshop given by the District before delivery of recycled water and attend a refresher training workshop given by the District at a minimum of every two (2) years.

This Customer's On-Site Recycled Water Supervisor shall be responsible for:

- The operation and maintenance of all components of the on-site recycled water system.
- Maintenance of signs, tags, markers, paint and other devices identifying recycled water distribution hardware and use areas.
- Being present at the final cross-connection test and periodic cross-connection tests.
- Prevention of cross-connections.
- Notifying the District of any problems in the operation of the recycled water system or violations of any permit conditions.

The Recycled Water Customer must notify the District immediately of any change in personnel for the Customer's On-Site Recycled Water Supervisor position.

**Identification of Recycled Water Facilities.** Components of a recycled water system shall be identified with appropriate signage, tags, tape, or other means to differentiate them from the potable system. See Section 12.4 "Facilities Design and Construction" of these *Rules and Regulations*.

**Cross-Connection Testing.** Prior to initiation of recycled water service, a cross-connection test shall be conducted to verify the absence of cross-connections between the potable and recycled water systems. Tests shall be performed by an AWWA-certified

Cross-Connection Control Specialist. The test procedure for sites using recycled water for irrigation or related uses shall be followed as described in Appendix C of the *Administrative Procedures for District Staff*. For cases involving use of recycled water inside buildings (i.e., dual-plumbed systems), the test procedure described in the Uniform Plumbing Code shall be followed. For most sites, the cross connection test will be conducted by the District.

**Other Measures.** Each time there is a change of Recycled Water Customer (either owner or tenant) on any commercial or industrial premises, the owner or customer shall notify the District immediately. The District will then reassess the adequacy of the protection. Also, any alterations to existing on-site facilities that may affect required protection level must be reported immediately to the District. At its discretion, the District may conduct surveys of any property where water service is provided by the District. These surveys are to determine if any actual or potential cross-connections exist. The applicant, owner, or customer shall provide full cooperation in facilitating these surveys.

Nontoxic tracer dyes may be introduced into the recycled water system by the District where feasible, to determine the existence of any cross-connections or backflow conditions into the potable water system.

In the event of contamination or pollution of a District potable water system due to a cross-connection or other failure, the District shall be promptly notified, so that appropriate measures will be taken to correct the problem.

In the event of inadvertent violation of permit conditions or potential contamination of the on-site potable water supply, the Recycled Water Customer shall inform the District and immediately take action to correct the problem. If the problem cannot otherwise be immediately corrected, the Recycled Water Customer shall cease use of recycled water until compliance with the permit and protection of public health can be assured.

**Termination of Potable Water Service if Required.** All premises receiving both recycled and potable water are subject to the conditions of the District's backflow prevention requirements as discussed in Article 3 of Ordinance 119-96. The District has the right to terminate potable water service if needed to protect the District's water supply from contamination (See Section 3.13 of Article 3).

## **12.4 Facilities Design and Construction**

**Applicable Standards.** Recycled water systems, both on-site and off-site, shall be separate and independent of any potable water systems. Systems must be designed so as to minimize the possibility of cross-connections.

The design of off-site recycled water facilities (to be owned and operated by the District), service connections, and required appurtenances at the point of connection shall be as required by the Scotts Valley Water District, in accordance with its Standard Specifications

and Details.

On-site facilities, including new facilities required to retrofit existing systems, shall be designed and constructed according to the requirements, conditions, and standards of the Scotts Valley Water District, the District's Ordinance 119-96, these *Rules and Regulations*, and other regulations in effect at the time of construction.

**Retrofits.** Where it is planned that an existing non-recycled water system be converted to a recycled water facility, the District shall review the user's Permit Application and determine the measures necessary to bring the system into full compliance with these *Rules and Regulations*. No existing potable water facilities shall be connected to or incorporated into the recycled water system without the District's approval.

**Signage and Public Notification.** Adequate means of notification must be provided to inform the public, employees and others that recycled water is being used.

The District has prepared approved "recycled water notification" signs that the Recycled Water Customer must place at adequate intervals around the authorized use area. The signs read "IRRIGATED WITH RECYCLED WATER - DO NOT DRINK" and have the universal symbol identifying non-potable water. The signs are a minimum of 4 inches high by 8 inches wide. The Recycled Water Customer shall order and purchase these signs from the District. If the "recycled water notification" signs are purchased elsewhere, other than from the District, a copy of the sign shall be submitted to the District for review and approval before they are installed. The District will review the sign and ensure that the requirements of the recycled water regulations, with respect to size, wording and international symbol, are met.

Dual plumbed facilities have additional signage requirements in the Uniform Building Code, Appendix J7. Appendix J7 details the signs required for room entrances, equipment rooms, valve access doors and valve seals.

**Identification of Equipment.** Components of a recycled water system shall be identified with appropriate signage, tags, tape, or other means to differentiate them from the potable system. The District will provide examples of identification devices and approved wording for such devices. The words on the signs shall be in a language appropriate for the Customer's irrigation personnel. The signs shall be in English and other appropriate languages to accommodate the Customer's irrigation personnel who do not read English.

The signs may also be in multiple languages, if necessary.

- All above-ground equipment, including pumps, piping, storage reservoirs, valves, quick-couplers, etc., which may contain recycled water shall be clearly and adequately identified by purple color-coding tags, stickers and/or signage.
- Water meters used for recycled water service shall be tagged and/or painted

purple. These meters shall not be interchanged or used for potable water service after repairs and/or meter testing have been performed.

- New recycled water piping shall be color coded purple with an approved warning notice embossed or integrally stamped/marked on the pipe. As an alternative, standard pipe may be wrapped with purple tape containing the warning notice. The tape shall cover at least one-half the circumference of the pipe and be securely fastened. The use of warning tape, placed in the trench above the pipe to identify its location, is encouraged, but does not fulfill this requirement.
- Valves, strainers, controllers, and other appurtenances on the recycled water system shall be appropriately identified using purple paint, tags, stickers or other suitable means.
- Quick-coupling valves on the recycled water system shall be visibly different from those used on the potable system. The use of Acme<sup>®</sup> threaded couplings for recycled water is preferred, and shall be required for sites where both recycled water and potable water quick coupling valves are present.

Customers shall maintain all signage and identification devices, and replace, repair or refurbish all devices as needed.

**Vehicle Identification.** Any vehicle used to transport recycled water shall be clearly marked with labels or signs. These labels or signs shall contain the words “RECYCLED WATER - DO NOT DRINK” in black, two-inch high, minimum letters on a purple background. The District may also require the label to include translations into foreign language(s) if appropriate, as specified in the Recycled Water Use Permit. One label or sign shall be placed on the tank closest to the driver’s door. One label or sign shall be placed on the rear surface of the tank. All labels and signs shall be placed where they can easily be seen by the personnel using the vehicle.

The “Do Not Drink” symbol shall be present on all vehicles used to carry recycled water. Any vehicle used for the transportation or storage of recycled water must not be reused for the transportation or storage of potable water.

**Design Restrictions.** Design for on-site recycled water distribution systems, including retrofits, shall observe the following restrictions and required separations:

- Areas irrigated with recycled water must be kept completely separated from domestic water wells and reservoirs. Recycled water shall not be applied or allowed to migrate to within 50 feet of any well used for domestic supply or within 50 feet of any irrigation well unless it can be demonstrated that certain conditions are met. Documentation of the following conditions from the proposed recycled water regulations shall be included to document that special circumstances justify lesser distances to be acceptable:

1. A geological investigation demonstrates that an aquitard exists at the well between the uppermost aquifer being drawn from the ground surface.
  2. The well contains an annular seal that extends from the surface into the aquitard.
  3. The well is housed to prevent any recycled water spray from coming into contact with the wellhead facilities.
  4. The ground surface immediately around the wellhead is contoured to allow surface water to drain away from the well.
  5. The owner of the well approves of the elimination of the buffer zone requirement.
- Irrigation systems at parks, golf courses and landscape areas must be designed to minimize exposure of golfers, picnickers or others to recycled water or water spray. Drinking fountains shall be protected against contact with recycled water spray, mist, or runoff.
  - Recycled water shall not be used as a domestic or animal water supply.
  - Connections to supplement or backup the recycled water system with potable water shall be made only through an air-gap separation which complies with the requirements of Sections 7602(a) and 7603 (a) of Title 17, California Code of Regulations. The approval of the public water system shall be obtained.
  - Where practical, a separation of ten (10) horizontal feet shall be maintained where potable and recycled water lines run parallel. Where potable and recycled lines cross, the potable service shall be no less than one foot above the recycled service. The District may approve reduced separation distances if these preferred separation distances cannot be achieved.
  - Hose bibs are not to be installed on any recycled water system for any purpose. The use of quick couplers is permitted, subject to the identification requirements described above.
  - No impoundment of disinfected tertiary recycled water shall occur within 100 feet of any domestic water supply well.
  - Any irrigation runoff shall be confined to the recycled water use area unless otherwise authorized by the California Regional Water Quality Control Board.
  - Spray, mist, or runoff shall not enter any dwelling, designated outdoor eating areas,

or a food handling facilities.

- No spray irrigation of any recycled water, other than disinfected tertiary recycled water, shall take place within 100 feet of a residence or a place where public exposure could be similar to that of a park, playground, or schoolyard.
- Whenever a cooling system, using recycled water in conjunction with an air conditioning facility, utilizes a cooling tower or otherwise creates a mist that could come into contact with employees or members of the public, the cooling system shall comply with the following:
  - 1) A drift eliminator shall be used whenever the cooling system is in operation.
  - 2) A chlorine, or other biocide shall be used to treat the cooling system recirculating water to minimize the growth of *Legionella* and other microorganisms.

## **12.5 Emergency Connection to the Potable Water System**

If, because of some emergency condition, the District is unable to provide recycled water, the District may approve a temporary connection to the potable water system. Before such temporary connection is made, areas to receive potable water shall be isolated by an air gap separation from any areas still receiving recycled water. In addition, an air gap separation that complies with the requirements of Sections 7602(a) and 7603(a) of Title 17 shall be installed on the temporary potable water service. Temporary connections must be approved in advance and inspected by the District.

The emergency potable water connection shall be removed before any connection is restored to the remainder of the recycled water system or to the recycled water supply. The restored recycled water service connection must be inspected and approved by the District prior to resuming delivery of recycled water.

## **13.0 DESIGN, INSTALLATION, AND INSPECTION**

### **13.1 Design Approval**

Before the construction of any new recycled water system, major modifications of an existing recycled water system, or retrofit of an existing system for recycled water use, On-site Recycled Water Service Plans must be prepared by the Recycled Water Applicant and approved by the District. Approval shall be contingent upon evidence that all applicable design requirements, rules and regulations for a recycled water system are satisfied (see Section 13.3, Basis For Plan Review Criteria of Article 8).

### **13.2 On-Site Recycled Water Service**

The *On-Site Recycled Water Service Plan* is to convey information on the above ground features on the site and piping plans. The piping plan can be combined with the site plan if space permits.

The *On-Site Recycled Water Service Plan* must clearly show the following site information:

- All residences and other buildings on the site
- The boundaries of the intended use area
- Adjacent streets
- Locations of all major improvements on the site
- All public facilities supplied with recycled or potable water service. Public facilities include, but are not limited to, drinking fountains, restrooms, outdoor eating areas, snack bars, swimming pools, wading pools, decorative fountains and showers
- If there are no public facilities located in the defined use area, then a note on the plans must indicate that no public facilities exist.
- Any wells, lakes, ponds, reservoirs, storage tanks or other water impoundments located on-site or within 100 feet of the site must be shown on the site plan.
- Use area containment measures
- Proposed location and type of signage
- Any other relevant items

In addition, those proposed irrigation uses must include:

- Description of what will be irrigated (e.g., landscape, specific food crop, etc.).
- Method of irrigation (e.g., spray, flood, or drip).
- Location of potable water pipelines and domestic water supply wells in or adjacent to the use area.
- A description of site containment measures.
- Direction of drainage and description of the area to which the drainage will flow.
- Protection measures of drinking water fountains and designated outdoor eating areas, if applicable.
- Proposed irrigation schedule (if public access is included).
- Measures to be taken to exclude or minimize public contact.

In addition, proposed uses that include impoundment must include:

- Type of use or activity to be allowed on the impoundment.
- Description of the degree of public access.
- Conditions under which the impoundment can be expected to overflow and the expected frequency.
- Direction of drainage and description of the area to which the drainage will flow.

In addition, for proposed uses that include a cooling system must include:

- Type of cooling system (e.g., cooling tower, spray, condenser, etc.).
- Type of biocide to be used, if applicable.
- Type of drift eliminator to be used, if applicable.
- Potential for employee and public exposure.

In addition, for proposed uses that include the use of recycled water for either a) plumbing within a building, or b) irrigation at individual residences must include:

- An Engineering Report as described in Appendix A of the *Administrative Procedures for District Staff*.

The *On-Site Recycled Water Service Plan* must also show the following pipng information:

- The complete recycled water systems
- The potable system in the vicinity of the recycled water connection
- Horizontal and vertical distance between the recycled and potable system in locations where they cross
- All sources of recycled water and potable water
- The location and type of all existing and new backflow prevention devices and water meters (recycled water and potable water)
- The location of outdoor hose bibs, quick couplers and other points of ready access to recycled or potable water systems
- The location of irrigation controllers, timers, valve and fixtures (sprinklers, bubblers, etc.)

In addition, for existing facilities converting to recycled water use piping plan must indicate:

- Which piping and other devices are existing
- Which piping and other devices will be installed as part of the retrofit work
- The proper separation requirements between potable and recycled water lines (for new piping).
- How potential cross-connections will be avoided
- Detail drawings of areas where special installation or retrofit procedures are required, such as cutting and capping to separate potable and recycled systems, installation of backflow prevention devices, special construction where pipe separation criteria cannot be met, etc.

Preparation of the *On-Site Recycled Water Service Plan* does not exempt the Recycled Water Applicant from submitting other on-site improvement plans normally required by local authorities. Other improvement plans required by a local authority must still be submitted in accordance with the local authority's standard procedures.

### **13.3 Basis for Plan Review Criteria**

Review of *On-Site Recycled Water Service Plans* conducted by the District will consist of checking for conformance with various regulations and guidelines governing distribution of recycled water. Even though the District performs a plan check, the Applicant is not relieved of responsibility to meet all requirements. A brief description of applicable codes and regulations, in addition to these *Rules and Regulations* can be found in Section 10.4 of Article 8.

### **13.4 Summary of Design Review Criteria**

The District will review the *On-Site Recycled Water Service Plan* by checking that the plan complies with the regulations and guidelines governing the use of recycled water. The District will provide a copy of this checklist on request.

### **13.5 Cross-Connection Tests**

The District has prepared *Cross-Connection Test Procedures for Landscape Irrigation Systems Using Recycled Water* to verify the absence of cross-connections between the potable water and recycled water supplies at sites which are served by both. These procedures are modeled after the Cross-Connection Test Procedures described in Uniform Plumbing Code. The Recycled Water Applicant shall comply with the requirements of the *Cross-Connection Test Procedures for Landscape Irrigation Systems Using Recycled Water*, which can be found in Appendix C of the District's *Administrative Procedures for District Staff*. The District conducts the cross-connection testing. The procedures cover cross-connection testing at landscape irrigation sites only. Requirements relating to the use of recycled water other than landscape irrigation are described elsewhere. .

**Cross-Connection Control Inspection Team.** All inspections and testing (except the Preliminary Cross-Connection Test) will be conducted by a team consisting of a certified AWWA Cross-Connection Control Specialist from the District, the Customer's On-site Recycled Water Supervisor, and other personnel as required.

**Preliminary Cross-Connection Test - Existing Sites.** For sites that already have an irrigation system that is separate from the domestic (potable) service, the District may require that a preliminary test be conducted. This test would be performed before any retrofit work as a means of screening for potential cross-connections. The preliminary test is particularly useful for sites where the irrigation piping is complex or not well documented.

The test shall be done by the Applicant in the presence of a District staff. A cross-connection specialist does not need to be present for a Preliminary Cross-Connection Test.

**Pre-Test Requirements and Visual Inspection.** Prior to the final cross-connection testing, a visual inspection of the recycled water system shall be conducted by the Inspection Team. The use area shall be inspected for possible cross connections with the potable water system. If possible, the visual inspection shall be conducted prior to the date scheduled for the final cross-connection test and after the completion of all retrofit work.

**Final Cross-Connection Test.** Prior to initial operation, the recycled water system within each facility and use area shall be inspected for possible cross connection with the potable water system. The District shall conduct a final cross-connection test at any use site where both recycled and potable water are present in separate piping systems before connecting the Applicant's recycled water system to the District's recycled water system. This test is to ensure the absolute separation of the recycled and potable water systems.

**Periodic Cross-Connection Test.** After the site has been approved and placed in operation, a visual inspection by the District shall be performed and passed at a minimum of once per year. This inspection may take place during a routine inspection (see section 14.7) or may be scheduled for a separate time. The Cross-Connection Control Test shall be performed and passed a minimum of once every four years. The District may require more frequent testing, if conditions dictate. On dual plumbed systems, cross connection testing should be performed annually. For dual plumbed systems, a written report documenting the results of the inspection and testing of the recycled water system will be submitted to the State DHS within 30 days following completion of testing. The Recycled Water Use Permit will state the testing schedule.

### **13.6 Construction Inspection**

The District or designated representatives shall conduct on-site inspections during the construction phase to ensure that materials, installation and procedures are in accordance with the approved plans, specifications, and all applicable regulations. Accordingly, the Recycled Water Customer shall notify the District of the schedule for all phases of planning, construction and start up so that inspections can be scheduled.

### **13.7 Field Testing and Inspection**

All systems shall conform to the requirements of the most recent Uniform Plumbing Code, Sections 103.51 through 103.5.4.2, except intermittent pressure piping. During the coverage test with recycled water, the irrigation system will be inspected for proper use of full, half, and quarter sprinkler heads, proper atomizing, and irrigation spray on non-approved use areas.

### **13.8 Temporary Connection to Potable Service**

The on-site recycled water system may be connected to the potable system up to and during the final cross-connection test. At that time, the connection shall be replaced by the recycled water meter.

### **13.9 Installation of Services**

Recycled water services shall be installed at the location and size designated by the District General Manager. Service installation shall be made only to property abutting on public streets or abutting on such distribution mains as may be constructed in public rights-of-way or easements. Services installed in new subdivisions prior to the construction of streets or in advance of street improvement must be accepted by the Applicant in the installed location.

### **13.10 Changes in Customer's Equipment**

Customers making any material change in the size, character or extent of the equipment or operations utilizing recycled water service, or whose change in operations results in a large increase in the use of recycled water, shall immediately give the District written notice of the nature of the change and, if necessary, amend their application.

### **13.11 Pressure Conditions**

All Applicants for recycled water service shall be required to accept such conditions of pressure and service as are provided by the distribution system at the location of the proposed service connection, and shall hold the District harmless for any damages arising out of low pressure or high pressure conditions or interruptions in service.

### **13.12 Who To Install**

District, at its option, will install or may require or permit others to install Service Connections under District specifications, supervision and inspection. Credits, if any, toward Service Connection charges may be made provided said credit does not to exceed the charge.

### **13.13 Meters**

All services, whether temporary or permanent, unless otherwise specified, shall be metered. Prior to the installation of the meter facilities, the Customer shall deposit with the District a Meter and Service Connection fee pursuant to the rate schedule in effect at the time of purchase. A Meter and Service Connection, whether located on public or private property, shall remain the property of the District, unless specifically otherwise provided, and the District reserves the right to repair, replace and maintain it, as well as, to remove it upon discontinuance of service.

**Meter Installations.** Meters shall be installed at the curb or within a recorded easement and shall be the property of the District. No rent or other charge shall be paid by the District for a meter or other facilities including housing and connection, located on a Customer's premises. All meters shall be sealed by the District at the time of installation, and no seal shall be altered or broken except by one of its authorized employees or agents.

**Change in Location of Meters.** Meters moved for the convenience of the Recycled Water Customer will be relocated at the customer's expense. Meters moved to protect the District's property will be moved at the District's expense. If the lateral distance, which the customer desires to have the meter moved exceeds eight (8) feet, the Recycled Water Customer may be required to pay for a new service at the desired location.

### **13.14 Final Inspection**

A final on-site inspection will be conducted by the District or its designated representatives before the recycled water system is connected to ensure all requirements have been met. This inspection should occur after the final Cross-Connection Test. The District Field Inspector will check to see that the proper equipment was used and that all required tags, labels, and signs are in place. This inspection shall include a coverage test. This will allow the inspector to determine if conditions that create runoff or windblown spray outside the approved use area, and/or ponding within the use area do not exist. Spray patterns will be checked to see they do not encroach upon public facilities such as drinking fountains, outside eating areas, or areas outside the approved use area.

### **13.15 Final Approval**

Final approval must be granted by the District before recycled water can be supplied to the site. Final approval will be granted when construction has been completed in accordance with approved plans and specifications, all cross-connection tests have been performed, a final on-site inspection has been conducted, and all requirements have been met satisfactorily. After the Recycled Water Use Permit is finalized by the District, and all applicable fees have been paid, the District will authorize the installation of the recycled water meter. The State DHS will be forwarded a copy of all test and inspection reports as well as notification that recycled water service has started. During the lifetime of the recycled water system, the District will periodically inspect the recycled water system to ensure compliance with all applicable rules and regulations (see Section 14.7 of this Article).

## **14.0 FACILITIES OPERATION**

### **14.1 Conditions of Service**

All requirements outlined in this section shall be Conditions of Service, unless modified in the Recycled Water Use Permit. By accepting recycled water service, the Recycled Water Customer agrees to comply with all Conditions of Service.

## **14.2 Off-Site Facilities**

Operation, maintenance and surveillance of all District off-site recycled water systems, including recycled water pipelines, valves, connections, storage facilities, and other related equipment and property up to and including the recycled water meter, shall be under the management and control of the District. No other persons except authorized representatives of the District shall have the right to enter upon any of the off-site facilities. Only District personnel and their representatives shall operate, adjust, change, alter, move or relocate any portion of the off-site recycled water system.

## **14.3 On-Site Facilities**

On-site facilities are defined as the recycled water system downstream of the point of connection, usually at the connection of the recycled water meter, with the District's distribution system. The Recycled Water Customer shall have the following responsibilities pertaining to operation of on-site facilities:

- To designate a Customer's On-Site Recycled Water Supervisor for the site. The designated Customer's On-site Recycled Water Supervisor shall have primary responsibility to perform the other requirements in this section.
- To maintain accurate drawings of the on-site recycled water distribution system. The drawings must be available for review by the District on request.
- To notify the District of all updates or proposed changes, modifications, or additions to the recycled water on-site facilities. All updates and proposed changes shall be approved by the District prior to construction in accordance with District procedures. Converting any piping used at any time for conveyance of recycled water back to potable water, that is, switching a recycled water system to a backup potable water, that is, switching a recycled water system to a backup potable water system is prohibited. The District will notify the Recycled Water Customer if approval is also required from any additional regulatory agencies.
- To operate and maintain all recycled water facilities in accordance with the District's Ordinance 119-96, these Rules and Regulations (Article 8), and other regulations governing recycled water systems within the District.
- Maintaining the on-site recycled water system, signs, markings, and tags in accordance with all rules and regulations.
- Ensuring all materials used during the repair and maintenance of the system are

approved or recommended for recycled water use.

- To ensure that the Recycled Water Customer's employees are properly trained in the application of recycled water and worker protection.
- To report to the District any and all failures in the recycled water system that cause an unauthorized discharge of recycled water.
- To operate and control the system in order to prevent direct human consumption of recycled water and to limit runoff. The Recycled Water Customer shall be responsible for subsequent uses of the recycled water. The Recycled Water Customer shall also comply with the RWQCB General Requirements for Water Reuse including:
  - The treatment, storage, distribution and use of recycled water shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
  - No recycled water shall be applied to irrigation areas during periods when soils are saturated.
  - Recycled water shall not be allowed to escape from the designated use area(s) as surface flow that would either pond and/or enter waters of the state.
  - Spray or runoff shall not enter a dwelling or food handling facility, and shall not contact any drinking water fountain, unless specifically protected with a shielding device.
  - Recycled water shall not be used as a domestic or animal water supply.
  - No recycled water shall be discharged except for the purposes approved in the *Recycled Water Use Permit*.
  - Recycled water shall not be discharged to golf course ponds, storage ponds, ornamental ponds or other impoundments unless an operation and maintenance plan is approved by the District and the use appears as a specific condition of the Customer's *Recycled Water Use Permit*.

#### **14.4 Damage to Recycled Water System Facilities**

The Recycled Water Customer shall be liable for any damage to the District recycled water service facilities when such damage is from causes originating on the Premises by an act of the Recycled Water Customer or his or her tenants, agents, employees, contractors, licensees or permittees, including the breakage or destruction of locks by the Recycled Water Customer or his or her tenants, agents, employees, contractors, licensees or permittees on or near a meter and any damage to a meter or pipeline that

may result from hot water or steam from a boiler or heater or electrical system connection on the Recycled Water Customer's premises. The District shall be reimbursed by the Recycled Water Customer for any such damage promptly on presentation of a billing statement.

#### **14.5 Personnel Training**

**District Staff.** The District shall have in place a *Training Program for District Staff* designed to ensure compliance with the recycled water regulations. The entity that will provide the training and frequency shall be documented and written manuals of practice will be identified.

**Recycled Water Customer.** It is the responsibility of the Recycled Water Customer to train all operations personnel so they are familiar with the use of recycled water. Any training program is required to include, but is not limited to, the following items:

- **Recycled water shall never be used for human consumption.**
- Operations personnel must understand that there is never to be a connection between the recycled water system and the potable water system.
- Operations personnel must be aware of the emergency procedures.
- Operations personnel must be aware that recycled water, although highly treated, is non-potable.
- Operations personnel must understand the requirements and restrictions pertaining to ponding, windblown spray, and runoff.
- Operations personnel must follow good personal hygiene before, during and after recycled water operation
- Operations personnel must understand that working with recycled water is safe if good common sense is used and appropriate regulations are followed.
- Operations personnel must understand the health and safety aspects of Title 17 and Title 22 requirements.

All new employees shall be trained in the proper use of recycled water within one (1) month of their start of employment. Existing employees shall receive refresher training at a minimum of every two (2) years. The Customer's On-Site Recycled Water Supervisor and their staff are held accountable to ensure that employees are not using recycled water carelessly or hazardously.

A training program plan is to be submitted to the District for review and approval before delivery of recycled water. The plan is to identify any written manuals of practice to be made available to employee.

#### **14.6 Maintenance**

The Recycled Water Customer shall begin a preventive maintenance program that will ensure that the recycled water system always remains in compliance. The preventive

maintenance program is required to include, but is not limited to the following:

- Regular inspections shall be conducted by the Recycled Water Customer of the entire recycled water system including sprinkler heads, drip irrigation system emitters, spray patterns, lakes, piping and valves, pumps, storage facilities, controllers, etc. Immediately correct any leaks, breaks, or discrepancies in permit requirements.
- All warning signs, tags, stickers, and above-grade pipe markings shall be checked for their proper placement and legibility. Replace damaged, unreadable, or missing signs, tags, stickers, and pipe markings.
- Special attention shall be given to spray patterns to eliminate ponding, runoff and wind-blown spray conditions. If runoff is noted, affected areas shall be indicated on a sketch and the volume shall be estimated. If unauthorized ponding is detected, evidence of mosquitoes breeding within the ponding shall be noted and immediately eliminated.
- Establish and maintain an accurate, record-keeping system of all inspections, modifications and repair work.

Broken sprinkler heads, faulty spray patterns, leaking pipes or valves, or any other noted condition that violates the use requirements shall be repaired immediately after the malfunction or condition becomes apparent.

No modifications shall be made by the Recycled Water Customer to any recycled water system without the prior approval of the District. This includes modifications to the approved plans, or to an operational system. Detailed plans of any modifications must be submitted to the District and the modifications inspected by the District before being completed.

A Preventative Maintenance Program Plan is to be submitted by the Recycled Water Customer to the District for review and approval before delivery of recycled water.

#### **14.7 Monitoring and Inspection**

The District will set individual Recycled Water Customer monitoring requirements based on the size, volume used, complexity, etc. of each use area. Recycled Water Customer self-monitoring shall be conducted at a frequency specified in the Recycled Water Use Permit (minimum, annually). The schedule and deadline for submittals of the self-monitoring report is indicated in the Recycled Water Use Permit. A copy of the self-monitoring report form can be obtained from the District. Self-monitoring programs will be at Recycled Water Customer's expense.

Monitoring shall take place while recycled water is being used, and shall include

observations of the following:

- Evidence of runoff of recycled water from the site.
- Evidence of direct spraying of recycled water on potable water fixtures or food handling facilities.
- Evidence of prolonged ponding of recycled water as a result of excessive irrigation, and evidence of mosquitoes breeding as a result of ponding.
- Adequate posting of warning signs or notices to inform the public of the use of recycled water for irrigation.
- Maintenance of the required buffer distance from wells and other areas to be protected.
- Odor of wastewater origin at or near the site; leaks or breaks in the irrigation system, broken or defective sprinklers or emitters; and overflows or leaks from storage facilities or impoundments.

All observations shall be followed by a discussion on when and how deficiencies were corrected. Written records shall be maintained for a period of at least one-year. Recycled Water Customers whose permits specify self-monitoring shall submit copies of all records to the District. The District will compile and file self-monitoring reports with the Regional Water Quality Control Board.

The District will conduct periodic random inspection of the Recycled Water Customers to ensure compliance with these *Rules and Regulations*. The number of random inspection will be determined by the District based on the individual site's size, volume used, complexity and previous record of compliance with requirements. There will be a minimum of one inspection a year. Inspections shall be performed when recycled water is being used. A copy of the District's inspector monitoring report form can be obtained from the District.

These inspections shall include, at a minimum, the visual inspection of all back-flow prevention devices, pump rooms, exposed piping, valves, pressure-reducing stations, points of connection, sprinklers, drip system emitters, controllers, lakes, storage facilities, signs, labeling, tags, etc. The Customer's On-Site Recycled Water Supervisor's maintenance records shall be inspected to review all maintenance since the last inspection. The District and RWQCB reserve the right to make unannounced inspections of the facility during reasonable hours of operation.

Recycled Water Customers shall allow access by personnel from the District or the Regional Water Quality Control Board to all areas of the site where recycled water is being used during daytime hours, and during all times when recycled water is being used.

Where a Recycled Water Customer has security measure in force that would require proper identification and clearance before entry into its premises, the Recycled Water Customer shall make necessary arrangements with its security guards so that upon presentation of suitable identification, personnel from the District or the RWQCB will be permitted to enter without delay for the purpose of performing their specific responsibilities. The District may inspect and copy records or report located at a facility of any Recycled Water Customer to confirm information submitted in the self-monitoring reports.

#### **14.8 Periodic Cross-Connection Testing**

See discussion in Section 13.5.

#### **14.9 Hours of Operation**

Customer's hours of operation shall be included in the Recycled Water Use Permit.

#### **14.10 Maintaining and Updating Record Drawings**

The Recycled Water Customer shall submit conceptual or major design changes to the District for approval before implementing the change in the construction contract. The Recycled Water Customer shall prepare record drawings to show the recycled system as constructed and shall include all changes in work constituting departures from the original contract drawings including those involving both constant-pressure and intermittent-pressure lines and appurtenances.

#### **14.11 Reporting of Emergencies**

The Recycled Water Customer shall report all emergency situations to the District.

Daytime telephone, (831) 438-2363;

After hours, Police Department at (831) 438-2326.

#### **14.12 System Not in Compliance**

If at any time the recycled water system is found to be out of compliance, the District shall issue an Order specifying the corrections required to bring the system into compliance. A site inspection shall be scheduled after a reasonable period of time to ensure compliance with the Order. If it is known or suspected that a backflow incident or contamination has occurred, then the Emergency Cross-Connection Response Plan (Section 14.15) shall be invoked.

#### **14.13 Notification**

It is the responsibility of the Customer's On-Site Recycled Water Supervisor to notify the District of any failure or cross-connection in recycled water or potable water system,

whether or not he/she believes a violation has occurred. It is also the responsibility of the On-site Recycled Water Supervisor to notify the District of any violation that might occur because of any action the Recycled Water Customer personnel might take during the operation of recycled water or potable water systems. If there are any doubts whether a violation has occurred, it is the responsibility of the Customer's On-site Recycled Water Supervisor to report each occurrence to the District so a decision can be made.

#### **14.14 Emergency Procedures**

In case of a major earthquake, flood, fire, tornado, structural failure, or other incident which could likely damage the recycled or potable water systems, the Customer's On-Site Recycled Water Supervisor shall inspect the domestic and recycled water systems for damage as soon as it is safe to do so. If either system appears damaged, both the domestic and recycled water systems shall be shut off at their points of connection. If the Customer's On-Site Recycled Water Supervisor cannot inspect the site and damage is expected, then both water systems shall be shut off at their points of connection. The Customer's On-Site Recycled Water Supervisor shall immediately contact the District for further instruction.

For dual-plumbed systems, the District shall notify the Department of Health Services of any incidence of backflow from the dual-plumbed recycled water system into the potable water system within 24 hours of the discovery of the incident.

**Emergency Modifications.** Emergency modifications or repairs can be made to the system by the Recycled Water Customer to prevent contamination, damage or a public health hazard without the prior District approval. As soon as possible after the modification, but not to exceed three days, the Recycled Water Customer must notify the District of the emergency modifications and file a written report.

**Unauthorized Discharge.** It is the responsibility of the Recycled Water Customer to report to the District all system failures that result in an unauthorized discharge of recycled water. An immediate oral report to the District is required and a written report is required within 30 days of the unauthorized discharge. The report shall describe the cause of the discharge, public health impacts, and corrective actions taken to prevent the reoccurrence of the unauthorized discharge. The Recycled Water Customer must make every effort to contain the unauthorized discharge prior to discharge to the storm drains. Contact the District for field review and disposal instructions.

**Contamination of Drinking Water.** In case of contamination of the potable water system due to a cross-connection on the Recycled Water Customer's premises, the District shall be immediately notified by the Recycled Water Customer. The District will then notify the State DHS. The Recycled Water Customer is to immediately invoke the *Emergency Cross-Connection Response Plan* (Section 14.15).

#### **14.15 Emergency Cross-Connection Response Plan**

In the event that a backflow incident or cross-connection is suspected or occurs, the Emergency Cross-Connection Response Plan shall be implemented immediately. See Appendix C of the *Administrative Procedures for District Staff*.

## **15.0 RECYCLED WATER CHARGES**

### **15.1 Responsibility for Recycled Water Service Account**

- a) The decision of the District to require a new recycled water applicant to deposit a sum of money with the District prior to establishing an account and furnishing service shall be based solely upon the credit worthiness of the Applicant as determined by the District.
- b) The District may not demand or receive security in an amount that exceeds twice the estimated average periodic bill or three times the estimated average monthly bill.
- c) In the event of Recycled Water Customers nonpayment of all or a portion of the bill, the deposit shall be applied to the final bill issued when service is terminated.

### **15.2 Meter Reading**

Meters will be read as near as possible either monthly (30-day cycle) or bi-monthly (60 day cycle) at the option of the District. All meters are read no later than the 15th day of the billing month.

### **15.3 Meter Test - Deposit**

All meters will be tested prior to installation and no meter will be installed which registers more than two percent (2%) fast. If a customer desires to have the meter serving his premises tested, a deposit of Twenty-five dollars (\$25.00) will be required. Should the meter register more than two percent (2%) fast, the deposit will be refunded, and the meter will be replaced. Should the meter register less than two percent (2%) fast, the deposit will be retained by the District.

### **15.4 Non-Registering Meters**

If a meter is found not to be registering, the charges for service shall be at the minimum monthly rate or based on the estimated consumption, whichever is greater. Such estimates shall be made from previous consumption reports for a comparable period or by such other method as is determined by the District and its decision shall be final. All non-registering meters will be pulled and replaced.

### **15.5 Meter Misreads**

If District personnel misread a meter during a billing cycle, the District will adjust the cycles that are affected and specifics will be provided to the customer detailing the adjustment.

### **15.6 Billing Period**

The regular billing period will be either monthly (30-day cycle) or bi-monthly (60 day cycle) at the option of the District.

### **15.7 Opening and Closing Bills**

Opening and closing bills for less than the normal billing period shall be prorated both as to minimum charges and quantity blocks. If the total period for which service is rendered is less than one month, the bill shall not be less than the monthly minimum charge applicable. Closing bills may be estimated by the District for the final period as an expediency to permit the customer to pay the closing bill at the time service is discontinued or may be paid from any deposits placed with the District.

### **15.8 Payment of Bills**

Bills for recycled water service shall be presented at the end of each billing period to include the minimum charge for the previous month. Each bill for water service shall contain the following statement:

"All recycled water bills are due and payable upon presentation. If this bill is not paid on or before the twentieth (20th) day of the month in which the bill was sent, service may be discontinued. A reconnection charge and penalty charges, if any, will be collected prior to renewing service following a discontinuance."

### **15.9 Billing of Separate Meters Not Combined**

Separate bills will be rendered for each service connection or meter installation except where the District has, for its own convenience, installed two or more meters in place of one meter. Where such installations are made the meter readings will be combined for billing purposes.

### **15.10 Delinquencies**

Delinquencies of payment of more than sixty (60) days may result in closing the account and disconnecting the service from the District's Recycled Water System. The Recycled Water Customer of the closed account will be required to pay the past due amount (including any penalties) in full before the recycled water service will be restored. If the account is considered to be a credit risk to the District, a guarantee deposit may be required. The terms and conditions of this deposit will be established upon decision of the District General Manager.

### **15.11 Disconnection for Non-Payment**

Service may be discontinued for non-payment of bills on or after the twentieth (20th) day of the month following the month during which the bill was sent. At least five (5) days prior

to such discontinuance the Recycled Water Customer will be sent a final notice informing him that discontinuance will occur if payment is not made within the time specified in said notice. Failure of the District to send or any such person to receive said notice, shall not affect the District's power hereunder. The District will require a new security deposit in an amount not exceeding twice the estimated average periodic bill or three times the estimated average monthly bill.

#### **15.12 Credit Establishment and Maintenance**

Each Applicant for service may be required to establish and maintain credit to the satisfaction of the District by a cash security deposit before service will be rendered. The terms and conditions of the deposit requirement will be based on the creditworthiness as determined by the District General Manager.

#### **15.13 Credit Worthiness**

Based upon the creditworthiness of the Applicant, the security deposit may be collected in an amount not to exceed three times the estimated average monthly water billing or twice the estimated average periodic bill. No interest will be paid on security deposits. A \$25.00 new account service fee will also be collected.

#### **15.14 Return of Security Deposit**

The security deposit with the District is returnable as a credit against the final billing when the account is closed or is returned in cash provided all outstanding bills for water service have been paid. Any unclaimed deposits after two (2) years from the date the account is closed, shall become the property of and be retained by the District.

#### **15.15 Loss and Re-establishment of Credit**

Any amounts due for recycled water service that remain unpaid more than twenty (20) days following the month of bill presentation may be deducted from the security deposit. Service that has been discontinued shall be subject to a renewed security deposit.

### **15.16 Re-Connection Charge**

Between the hours of 8:00 a.m. and 4:00 p.m., a re-connection charge of Twenty Dollars (\$20.00) will be made prior to renewing service following a discontinuance. If after 4:00 p.m., re-connection charge of thirty-five dollars (\$35.00) will be made prior to renewing service following a discontinuance.

### **15.17 Upon Vacating Premises**

Recycled Water Customers desiring to discontinue service shall notify the District not less than two (2) business days (days of business are Monday through Friday) prior to vacating the premises. Unless notice of discontinuance of service is given, the Recycled Water Customer shall be liable for all charges whether or not any water is used.

### **15.18 Leakage Adjustment Policy**

The District General Manager is hereby authorized upon written request of the Recycled Water Customer to adjust water billings for documented undetected leaks, (not the result of Recycled Water Customer negligence), in an amount of one-half of the existing water rates. An account may be adjusted one time per year, and be based upon no more than 2 billing cycles per adjustment after the repair date. The District will credit not more than one-half of the difference between the existing charges and the Recycled Water Customer's average bill, based on the Recycled Water Customer's yearly average consumption prior to the leak. The Recycled Water Customer must provide the District with a written adjustment request stating the date of repair, the type of repair, together with copies of any receipts. Requests for adjustments in excess of one-half the difference shall be addressed to the District General Manager whose decision will be final.

### **15.19 Notification of Leak**

Failure by the Recycled Water Customer to repair a leak(s) on the Premises within 48 hours of written notification by the District will result in a disconnection of service until the leak(s) is repaired and subject the Recycled Water Customer to a re-connection charge pursuant to Section 4.16.

### **15.20 Recycled Water Transmission Mains Used as Recycled Water Distribution Mains**

At the sole discretion of the District, certain recycled water transmission mains may, from time to time, be used as recycled water distribution mains to properties fronting upon or located near said recycled water distribution mains. In order to avoid duplication of costs, the District may allow said properties to connect directly to said transmission mains.

### **15.21 New Recycled Water Rates**

The monthly commodity charge rates for recycled water consumed within and beyond District boundaries are hereby established for all consumption as follows:

**MONTHLY RECYCLED WATER  
COMMODITY CHARGE  
EFFECTIVE JANUARY 1, 1999**

<i>Monthly Consumption, in Gallons</i>	<i>Rates per 1,000 Gallons</i>
0 - 3,000	\$ 1.58
3,001 - 7,000	\$ 2.54
7,001 - 15,000	\$ 2.94
15,001 - 25,000	\$ 3.34
Total Cost of First 25,000 gallons	\$ 71.82
Over - 25,000	\$ 4.02

### **15.22 Other Charges**

**Service Fees.** District shall levy and collect a service fee for all projects requiring recycled water service for the actual costs of any service provided by the District. The fees shall be paid in advance based upon a District estimate. Should actual District service fees be lesser or greater than estimated, the District will collect or refund the difference.

The District Board may establish other rates and charges as may, from time to time, be required.

**Multiple Meters.** The District may require that two or more water meters be utilized for reliability to meet a particular demand so that repair work can be accomplished without a shutdown of water service. The Applicant shall pay for each of the smaller service connections at the fees established in Section 15.

### **15.23 Annual Inspection Fee**

Inspection fee of \$100 per account will be charged. This charge will appear on the first bill of the calendar year.

### **15.24 Site Retrofit Costs**

The following retrofit materials and services will be provided by the District at no cost to the Recycled Water Customer:

- Evaluation of retrofit requirements (to be provided by the District or District's representative only).

- Site inspections and monitoring.

Required scheduled testing of on-site recycled water system.

- Recycled water meter.
- Backflow prevention device(s) on the potable water supply line.

The following services shall be provided by and/or paid for by the Recycled Water Customer:

- Design and construction of on-site piping and appurtenances that may be required to provide recycled water to new or existing use areas, as identified by the District's site-specific retrofit evaluation.
- Materials for on-site piping and appurtenances associated with construction or retrofit of the on-site recycled water system.
- Installation and purchase of signs, valve tags, identification devices, on-site piping and appurtenances, or other services
- All Recycled Water Customer administrative costs associated with construction, retrofit and operation of the on-site recycled water system.
- Operation, maintenance, and monitoring of the on-site recycled water system in accordance with the *Rules and Regulations* for Recycled Water Customers and the Recycled Water Use Permit.
- Other materials or services which may be specified by the District.

**🌀 END OF RULES AND REGULATIONS 🌀**