

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**TECHNICAL CHANGE ORDER NO. 1 TO
MONITORING AND REPORTING PROGRAM NO. 2000-165
FOR THE
EASTERN MUNICIPAL WATER DISTRICT
TEMECULA VALLEY REGIONAL WATER RECLAMATION FACILITY
RIVERSIDE COUNTY**

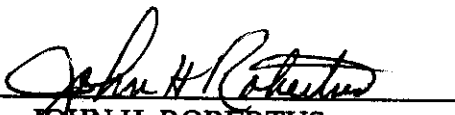
Section B.4 (page 5) of Monitoring and Reporting Program No. 2000-164 shall be revised to read as follows:

4. 24-Hour Reporting

The following failures should initiate a plant shut down, diversion of inadequately treated wastewater and notification to the Regional Board within 24-hours:

- Failure of Chlorination Equipment
- Effluent Total Coliform MPN greater than 240/100 milliliters
- Turbidity greater than 10 NTU if it is delivered into the distribution system or to any use sites.
- CT less than 450 (mg-min)/l if it is delivered into the distribution system or to any use sites.

Ordered by


JOHN H. ROBERTUS
Executive Officer

Issuance date: June 15, 2001

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

ORDER NO. 2000-165

**WASTE DISCHARGE REQUIREMENTS
FOR
EASTERN MUNICIPAL WATER DISTRICT
TEMECULA VALLEY REGIONAL WATER RECLAMATION FACILITY
RIVERSIDE COUNTY**

The California Regional Water Quality Control Board, San Diego Region (hereinafter Regional Board), finds that:

1. Eastern Municipal Water District (EMWD) discharges recycled wastewater from the Temecula Valley Regional Water Reclamation Facility located in Temecula, Riverside County, to various locations within the Santa Margarita Hydrologic Area (HA), pursuant to waste discharge requirements contained in Order No. 94-97, as amended by Addendum No. 1.
2. EMWD proposes to expand the capacity of the Temecula Valley Regional Water Reclamation Facility (TVRWF) from 8.0 million gallons per day (MGD) to 12 MGD.
3. Groundwater in the Santa Margarita HA is designated as suitable for beneficial uses including Municipal Supply, Agricultural Supply, Industrial Service Supply and Industrial Process Supply. The requirements of this Order are consistent with the Water Quality Control Plan for the San Diego Region (9).
4. The use of recycled water by the discharger is consistent with the goals of California's *Water Recycling Law*, codified in Chapter 7 of Division 7 of the California Water Code.
5. On July 12, 2000, the EMWD approved a Final Mitigated Negative Declaration (FMND) in accordance with the California Environmental Quality Act (Public Resources Code Section 21000 et seq.). The FMND considered the environmental impacts that would result from the construction of the necessary facilities to provide 12.0 MGD capacity. The project as approved by EMWD will not have a significant impact on the environment.
6. The discharge of recycled water to the areas authorized by this Order is in conformance with Resolution No. 68-16, "Statement with Respect to Maintaining High Quality of Waters in California." The wastewater recycling and reuse projects occurring under the terms and conditions of this Order will:
 - a. Have maximum benefit to the people of the State;
 - b. Not unreasonably affect the beneficial uses of groundwater in the underlying basins; and

Eastern Municipal Water District

Temecula Valley Regional Water Reclamation Facility

- c. Not cause the groundwater objectives of the Santa Margarita Hydrologic Area to be exceeded.

7. Pursuant to California Code of Regulations, Title 23, Division 3, Chapter 9, Article 1, §2200, the discharge is classified as category 2 threat to water quality and category A complexity.
8. The Regional Board has notified Eastern Municipal Water District and all known interested parties of the intent to prescribe waste discharge requirements for the proposed discharge.
9. The Regional Board considered all comments pertaining to the proposed discharge of waste from the TVRWRF.

IT IS HEREBY ORDERED, that the Eastern Municipal Water District (hereinafter discharger), in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following requirements for the treatment, storage and disposal of waste from the Temecula Valley Regional Water Reclamation Facility:

A. PROHIBITIONS

1. Discharges of wastes to lands which have not been specifically described in the Report of Waste Discharge and for which valid waste discharge requirements are not in force are prohibited.
2. Neither the treatment, storage nor disposal of waste shall create a pollution, contamination or nuisance, as defined by Section 13050 of the California Water Code.
3. Discharges of treated or untreated solid or liquid waste to a navigable water or tributary of a navigable water are prohibited unless as authorized by an NPDES permit issued by the appropriate Regional Board.
4. The discharge shall not cause a violation of the prohibitions contained in the Basin Plan.

B. DISCHARGE SPECIFICATIONS

1. A 30-day average dry weather flow from the Temecula Valley Regional Water Reclamation Facility shall not exceed 12.0 million gallons per day.
2. The 30-day average dry weather flow from the Temecula Valley Regional Water Reclamation Facility shall not exceed 8.0 million gallons per day unless:

- a. The certification report, submitted by the discharger pursuant to Facility Design and Operation Specification F.2 of this Order, has been approved by the Regional Board;
 - b. The Title 22 engineering report, submitted pursuant to Facility Design and Operation Specification F.3 of this Order, has been approved by the Regional Board and the State Department of Health Services;
 - c. The Regional Board has been notified by the discharger that the expansion of the waste water treatment and disposal facilities has been completely constructed and is fully operable, and that the completed facilities has adequate capacity for the full design flow;
 - d. An inspection of the expanded facilities has been made by staff of the Regional Board; and
 - e. The Regional Board has notified the discharger by letter that a discharge in excess of 8.0 MGD may be initiated.
3. Effluent used for landscape irrigation purposes shall be treated to the most restricted level in conformance with all applicable provisions of California Code of Regulations, Title 22, Division 4, Chapter 3 (Reclamation Criteria) for landscaping irrigation (currently Section 60313 (b) and 60320.5). The discharge from Temecula Valley Regional Water Reclamation Facility to Rancho California Water District service area and the EMWD service area shall not contain pollutants in excess of the following effluent limitations:

EFFLUENT LIMITATIONS				
Constituent	Unit	12-month Average ₁	30-day Average ₂	Daily Maximum ₃
Biochemical Oxygen Demand (BOD ₅ @ 20° C)	mg/l		30	45
Total Dissolved Solids	mg/l	750		825 ₄
Sulfate	mg/l	200		250
Iron	mg/l	0.3		0.4
Coliform	MPN/100ml		*	*
pH	Within the limits of 6.0 to 9.0 at all times			

1. The 12-month average effluent limitation shall apply to the arithmetic mean of the results for all samples collected during any 12 consecutive calendar month period.
2. The 30-day average effluent limitation shall apply to the arithmetic mean of the results all samples collected during any 30 consecutive calendar day period.
3. The daily maximum effluent limitation shall apply to the results of a single composite or grab sample.
4. The concentration shall not exceed 825 mg/l or the imported water supply concentration plus an incremental increase equal to the typical incremental increase added to the water supply which has been used for domestic purposes.
 - * The median concentration of total coliform bacteria shall not exceed a most probable number (MPN) of 2.2 per 100 milliliters utilizing the bacteriological results of the last seven days for which analyses have been completed, and the number of total coliform bacteria shall not exceed an MPN of 23 per 100 milliliters in more than one sample in any 30-day period.
 - ** Turbidity shall not exceed an average operating turbidity of 2 NTU within a 24-hour period. In addition, turbidity shall not exceed 5 NTU more than 5 percent of the time within a 24-hour period and shall not exceed 10 NTU at any time.
4. EMWD shall submit information demonstrating that the chlorine disinfection process at the TVRWRF provides a CT (the product of total chlorine residual and modal contact time measured at the same point) value of not less than 450 milligram-minutes per liter at all times with a modal contact time of at least 90 minutes, based on peak dry weather design flow. This calculation shall be done at least daily. This information shall be submitted with the monthly monitoring reports.

C. RECYCLED WATER PURVEYANCE REQUIREMENTS

1. The Eastern Municipal Water District (discharger) shall have **Rules and Regulations for Recycled Water Users** governing the design and construction of recycled water use facilities and the use of recycled water. The Rules and Regulations shall be reviewed and updated if necessary by the discharger when a new Order or Addendum is adopted by the Regional Board, and shall, at a minimum, include the *Rules and Regulations for Recycled Water Use Projects* which are contained in Attachment No. 1 to this Order.

The revised rules and regulations shall be subject to the review of the Regional Board; the State Department of Health Services; and the Riverside County Department of Health Services, Environmental Health Services. The revised rules and regulations or a letter certifying that the discharger's rules and regulations contain the updated provisions in the Order, shall be submitted to the Regional Board within 90 days of adoption of this Order by the Regional Board.

The discharger shall implement and enforce the rules and regulations for recycled water users. Use of recycled water by the discharger shall be consistent with its Rules and Regulations for Recycled Water Users. In addition, the discharger shall submit an annual report certifying that the users have implemented the Rules and Regulations established by the discharger.

2. The discharger shall, within 90 days of the adoption of this Order, review and update if necessary, the program of Best Management Practices (BMP) for the recycled water users governing the irrigation practices, management and maintenance to avoid runoff, ponding, and overspray to verify it is consistent with Attachment No. 1 to this Order. The discharger shall oversee that the recycled water users have implemented the BMP programs. The revised BMP program or a letter certifying the BMP program is consistent with Attachment No. 1 shall be submitted within 90 days of adoption of this Order.
3. The discharger shall, within 90 days of the adoption of this Order, review and update if necessary, their program to conduct compliance inspections of recycled water reuse sites. Inspections shall determine the status of compliance with the discharger's rules and regulations for recycled water use.
4. The discharger shall do the following for all reuse sites:
 - a. Enforce recycled water rules and regulations,
 - b. Conduct recycled water reuse site compliance inspections in accordance with the program submitted in compliance with *Recycled Water Purveyance Requirements C.3* of this Order,
 - c. Notify the State Department of Health Services and the County of Riverside Department of Environmental Health of any incidence of recycled water backflow into the potable water system as soon as possible, but in no case later than 24 hours of finding the incident,
 - d. Maintain a current list of all on-site recycled water supervisors.
5. Recycled water shall not be supplied to parties who use, transport, or store such water in a manner which causes a pollution, contamination or nuisance, as defined by Section 13050 of the California Water Code.
6. Prior to delivering recycled water to any new user to the portion of EMWD service area located under the purview of the San Diego Regional Board. The discharger shall submit a report to this Regional Board, the State Department of Health Services, and the County Department of Health Services discussing the delivering system, the use, and the Hydrologic Subareas where recycled water will be delivered.

D. BIOSOLIDS REQUIREMENTS

1. Collected screenings, biosolids, and other solids removed from liquid wastes shall be disposed of in a manner that is consistent with Chapter 15, Division 3, Title 23, of the California Code of Regulations and approved by the Regional Board.

2. The use and disposal of biosolids shall comply with existing Federal and State laws and regulations, including permitting requirements and technical standards included in 40 CFR 503.
3. Any proposed change in biosolids use or disposal practice from a previously approved practice shall be reported to the Executive Officer and EPA Regional Administrator at least 90 days in advance of the change.
4. The discharger shall take all reasonable steps to minimize or prevent any discharge or biosolids use or disposal that has the potential of adversely affecting human health or the environment.

E. PRETREATMENT REQUIREMENTS

1. The discharger shall be responsible and liable for the performance of all pretreatment requirements contained in 40 CFR 403, including any subsequent revisions to 40 CFR 403. Where 40 CFR 403 or subsequent revisions place mandatory actions upon the discharger, but do not specify a timetable for completion, the discharger shall complete the mandatory actions within six months of the issuance date of this Order, or the effective date of the 40 CFR 403 revisions, whichever comes later. For violations of pretreatment requirements, the discharger shall be subject to enforcement actions, penalties, fines, and other remedies by the USEPA and/or the Regional Board, as provided in the CWA and/or the Porter-Cologne Water Quality Control Act (CWC), respectively.
2. The discharger shall implement and enforce its approved Pretreatment Program, and all subsequent revisions, which are hereby made an enforceable condition of this Order. The discharger shall enforce the requirements promulgated under Sections 307(b), 307(c), 307(d), and 402(b) of the CWA with timely, appropriate, and effective enforcement actions. The discharger shall cause industrial users subject to Federal Categorical Standards to achieve compliance no later than the date specified in those requirements, or in the case of a new industrial user, upon commencement of the discharge.
3. The discharger shall perform the pretreatment functions as required in 40 CFR 403 and in Section 13263.3 of the CWC, including, but not limited to:
 - a. Implement the necessary legal authorities as provided in 40 CFR 403.8(f)(1);
 - b. Enforce the pretreatment requirements under 40 CFR 403.5 and 403.6;
 - c. Implement the programmatic functions as provided in 40 CFR 403.8(f)(2); and

- d. Provide the requisite funding and personnel to implement the pretreatment program as provided in 40 CFR 403.8(f)(3).
4. By March 30 of each year, the discharger shall submit an annual report to: the Regional Board; the USEPA, Region 9; the State Water Resources Control Board, Division of Water Quality, Regulatory Unit; and the Riverside County Department of Environmental Health, describing the discharger's pretreatment activities over the previous calendar year (contact information is in Section 7, below). In the event that the discharger is not in compliance with any condition or requirement of this Order, or any pretreatment compliance inspection/audit requirements, the discharger shall also include the reasons for noncompliance and state how and when the discharger shall comply with such conditions and requirements. The annual report shall contain, but not be limited to, the following information:
- a. A summary of analytical results from representative flow-proportioned, 24-hour composite sampling of the discharger's influent and effluent for those pollutants that the USEPA has identified under Section 307(a) of the CWA, and which are known or suspected to be discharged by industrial users. The summary will consist of an annual full priority pollutant scan. Wastewater sampling and analysis shall be performed in accordance with the minimum frequency of analysis stated in the Monitoring and Reporting Program of this Order. The discharger shall also provide influent and effluent monitoring data for non-priority pollutants which the discharger believes may be causing or contributing to interference, pass-through, or adversely impacting sludge quality. The discharger is not required to sample and analyze for asbestos. Sludge sampling and analysis is addressed in Section D., *Sludge Requirements*, of this Order. Wastewater sampling and analysis shall be performed in accordance with 40 CFR 136 and amendments thereto.
 - b. A discussion of upset, interference, or pass-through incidents, if any, at the POTW(s) which the discharger knows or suspects were caused by industrial users. The discussion shall include the reasons the incidents occurred, the corrective actions taken, and, if known, the name and address of the industrial user(s) responsible. The discussion shall also include a review of the applicable local pollutant limitations to determine whether any additional limitations, or changes to existing limitations, are necessary to prevent pass-through, interference, or noncompliance with sludge disposal requirements.
 - c. An updated list of the discharger's significant industrial users, including their names and addresses, and showing a list of additions, deletions, or name changes keyed to the previously submitted list. The list shall identify the industrial users subject to Federal Categorical Standards by specifying which standards are applicable. The list shall indicate which

significant (non-categorical) industrial users are subject to local discharge limitations.

d. The discharger shall characterize the compliance status of each significant industrial user (SIU) by providing a list or table containing the following:

- (1) Name of SIU and category if subject to categorical standards;
- (2) Type of wastewater treatment or control processes in place;
- (3) Number of samples taken by the SIU during the year;
- (4) Number of samples taken and inspections performed by the discharger during the year;
- (5) For an SIU subject to discharge requirements for total toxic organics (TTO), whether all required certifications were provided;
- (6) A list of pretreatment standards (categorical or local) violated during the year, or any other violations;
- (7) Industries in significant noncompliance (SNC) as defined in 40 CFR 403.8(f)(2)(vii) at any time during the year;
- (8) A summary of enforcement actions or any other actions taken against SIU(s) during the year. Describe the type of action, final compliance date, and the amount of fines and/or penalties collected, if any. Describe any proposed actions for bringing an SIU into compliance;
- (9) The name(s) of any SIU(s) required to submit a baseline monitoring report (BMR), and any SIU(s) currently discharging under a BMR; and
- (10) The name(s) of any IU(s) preparing and/or implementing a pollution prevention plan.

e. A brief description of any programs the discharger implements to reduce pollutants from industrial users not classified as SIUs;

f. A brief description of any significant changes in operating the pretreatment program which differ from the previous year including, but not limited to, changes in the program's administrative structure, local limits, monitoring program, legal authority, enforcement policy, and funding and staffing levels;

- g. A summary of the annual pretreatment program budget, including the cost of pretreatment program functions and equipment purchases;
 - h. A summary of activities to involve and inform the public of the pretreatment program including a copy of the newspaper notice, if any, required under 40 CFR 403.8(f)(2)(vii);
 - i. A description of any changes in sludge disposal methods; and
 - j. A discussion of any concerns not described elsewhere in the annual report.
5. The discharger shall submit a semi-annual SIU compliance status report to the Regional Board, the State Water Resources Control Board, and the USEPA. The report shall cover the period of January 1 through June 30, and shall be submitted no later than September 1 of each year. The report shall identify:
- a. The names and addresses of all SIUs which violated any discharge or reporting requirements during the semi-annual reporting period;
 - b. A description of the violations including whether the discharge violations were for categorical standards or local limits;
 - c. A description of the enforcement actions, or other actions taken to remedy the noncompliance;
 - d. The status of active enforcement actions, or other actions taken in response to SIU noncompliance identified in previous reports; and
 - e. The status of any IU's preparing and/or implementing pollution prevention plans.
6. The discharger shall continue with its implementation of a Nonindustrial Source Control Program consisting of a public education program designed to minimize the entrance of non-industrial toxic pollutants and pesticides into the sanitary sewer system. The Non-industrial Source Control Program shall be reviewed periodically and addressed in the annual report.
7. Contact Information

Executive Officer
Regional Water Quality Control Board
San Diego Region
9771 Clairemont Mesa Blvd., Suite A
San Diego, CA 92124-1324
Attention: Watershed Branch

Regional Administrator
U.S. Environmental Protection Agency
Region 9 Attn: W-5-1
75 Hawthorne Street
San Francisco, CA 94105-3901

Pretreatment Program Manager
Regulatory Section
Division of Water Quality
State Water Resources Control Board
P.O. Box 944213
Sacramento, CA 94244-2130

County of Riverside
Health Services Agency
Department of Environmental Health
P.O. Box 1206
Riverside, CA 92502
Attention James Gillis

F. FACILITY DESIGN AND OPERATION SPECIFICATIONS

1. Proper Operation

The discharger shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with conditions of this Order. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Order.

2. Certification Report

Prior to construction of the expansion of the Temecula Valley Regional Water Reclamation Facility, the discharger shall submit a report from the design engineer certifying the adequacy of each component of expanded facilities. The certification report shall contain a requirement-by-requirement analysis based on acceptable engineering practices, of how the process and physical designs of the new facilities will ensure compliance with the waste discharge requirements. The design engineer shall affix his/her signature and engineering license number to the certification report.

3. Engineering Report

The discharger shall meet the design, operational, and reliability requirements of Articles 7, 8, 9 and 10 of the California Code of Regulations, Title 22, Division 4, Chapter 3. For any new treatment facility, the discharger shall prepare an engineering report conforming to Section 60323, Article 7 of the California Code of Regulations, Title 22, Division 4, Chapter 3. The engineering report shall be submitted to the State Department of Health Services and the Regional Board.

4. Operation Manual

A copy of the facility operations manual shall be maintained at the discharger's facility and shall be available to operating personnel at all times. In addition, a copy of the facility operations manual shall be submitted upon request by the Regional Board.

5. Operators' Certification

The discharger's wastewater treatment facilities shall be supervised and operated by persons possessing certificates of appropriate grade pursuant to Chapter 3, Subchapter 14, Title 23 of the California Code of Regulations.

6. Flood Protection

All waste treatment, containment and disposal facilities with the exception of irrigation areas, shall be protected against 100-year peak stream flows as defined by the Riverside County flood control agency, unless the discharger obtains revised waste discharger requirements for less stringent flood protection requirements for landscape irrigation ponds.

7. Runoff Protection

All waste treatment, containment and disposal facilities with the exception of irrigation areas, shall be protected against erosion, overland runoff, and other impacts resulting from a 100-year frequency 24-hour storm, unless the discharger obtains revised waste discharger requirements for less stringent storm protection requirements for landscape irrigation ponds.

8. Offsite Discharge

The discharger shall design, construct, operate, and maintain storage facilities and irrigation areas to prevent surfacing or runoff of wastewater on property not owned or controlled by the discharger.

9. Cross-Connections

The potable water supply shall not be used to supplement the recycled water supply except through an approved air gap. In other areas where the potable water supply is piped to premises where sewage is pumped, treated or recycled (e.g., sewage treatment plants or pumping stations, golf course, etc.) the potable water supply shall be protected at the property line in accordance with the State Department of Health Services' *Regulations Relating to Cross-Connections*.

10. Capacity Notification

Whenever a publicly owned wastewater treatment plant will reach capacity within four years the discharger shall notify the Regional Board. A copy of such notification shall be sent to appropriate local elected officials, local permitting agencies and the press. The discharger must demonstrate that adequate steps are being taken to address the capacity problem. The discharger shall submit a technical report to the Regional Board showing flow volumes will be prevented from exceeding capacity, or how capacity will be increased, within 120 days after providing notification to the Regional Board, or within 120 days after receipt of notification from the Regional Board, of a finding that the treatment plant will reach capacity within four years. The time for filing the required technical report may be extended by the Regional Board.

11. Monitoring and Reporting

The discharger shall comply with attached Monitoring and Reporting Program No. 2000-165, and future revisions thereto as specified by the Regional Board. Monitoring results shall be reported at the intervals specified in Monitoring and Reporting Program No. 2000-165.

G. STANDARD PROVISIONS

1. Duty to Comply

The discharger must comply with all conditions of this Order. Any noncompliance with this Order constitutes a violation of the California Water Code and is grounds for (a) enforcement action; (b) termination, revocation and reissuance, or modification of this Order; or (c) denial of a report of waste discharge in application for new or revised waste discharge requirements.

2. Entry and Inspection

The discharger shall allow the Regional Board, or an authorized representative upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the discharger's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Order;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Order;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
- (d) Sample or monitor at reasonable times, for the purposes of assuring compliance with this Order or as otherwise authorized by the California Water Code, any substances or parameters at any location.

3. Civil Monetary Remedies

The California Water Code provides that any person who intentionally or negligently violates any waste discharge requirements issued, reissued, or amended by this Regional Board is subject to a civil monetary remedy of up to 20 dollars per gallon of waste discharged or, if a cleanup and abatement order is issued, up to 15,000 dollars per day of violation or some combination thereof.

4. Penalties for Investigation, Monitoring or Inspection Violations

The California Water Code provides that any person failing or refusing to furnish technical or monitoring program reports, as required under this Order, or falsifying any information provided in the monitoring reports is guilty of a misdemeanor and is subject to a civil liability of up to 5,000 dollars for each day in which the violation occurs.

5. Endangerment of Health or Environment

The discharger shall report orally any noncompliance that may endanger health or the environment to the Regional Board within 24 hours from the time the discharger becomes aware of the circumstances. A written submission shall be provided within five days of the time the discharger becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Regional Board, or its authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours. The following occurrence(s) must be reported to the Regional Board within 24 hours:

- (a) Any bypass from any portion of the treatment facility.
- (b) Any discharge of treated or untreated wastewater resulting from sewer line breaks, obstruction, surcharge or any other circumstances.
- (c) Any treatment plant upset which causes the effluent limitations of this Order to be exceeded.

6. Prior Notice of Bypass

If a need for a discharge bypass is known in advance, the discharger shall submit prior notice and, if at all possible, such notice shall be submitted at least 10 days prior to the date of the bypass.

7. Corrective Action

The discharger shall take all reasonable steps to minimize and correct any adverse impact on the environment resulting from noncompliance with this Order, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the noncompliance.

8. Treatment Failure

In an enforcement action, it shall not be a defense for the discharger that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with this Order. Upon reduction, loss, or failure of the treatment facility, the discharger shall, to the extent necessary to maintain compliance with this Order, control production or all discharges, or both, until the facility is restored or an alternative method of treatment is provided. This provision applies for example, when the primary source of power of the treatment facility is failed, reduced, or lost.

9. Hazardous Releases

Except for a discharge which is in compliance with these waste discharge requirements, any person who, without regard to intent or negligence, causes or permits any hazardous substance or sewage to be discharged in or on any waters of the State, shall as soon as (a) that person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Director of Environmental Health Services, County of Riverside in accordance with California Health and Safety Code Section 5411.5 and the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State toxic disaster contingency plan adopted pursuant to Article 3.7 (commencing with Section 8574.7) of Chapter 7 of Division 1 of Title 2 of the Government Code, and immediately notify the State Board or the appropriate Regional Board

of the discharge. This provision does not require reporting of any discharge of less than a reportable quantity as provided for under subdivisions (f) and (g) of Section 13271 of the Water Code unless the discharger is in violation of a prohibition in the applicable Water Quality Control Plan.

10. Petroleum Releases

Except for a discharge which is in compliance with these waste discharge requirements, any person who without regard to intent or negligence, causes or permits any oil or petroleum product to be discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, shall, as soon as (a) such person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State oil spill contingency plan adopted pursuant to Article 3.5 (commencing with Section 8574.1) of Chapter 7 of Division 1 of Title 2 of the Government Code. This requirement does not require reporting of any discharge of less than 42 gallons unless the discharge is also required to be reported pursuant to Section 311 of the Clean Water Act or the discharge is in violation of a prohibition in the applicable Water Quality Control Plan.

H. REPORTING AND RECORD KEEPING REQUIREMENTS

1. Permit Repository

A copy of this Order shall be maintained at the discharger's facility and shall be available to operating personnel at all times.

2. Retention of Records

The discharger shall retain records of all monitoring information, including all calibration and maintenance records, copies of all reports required by this Order, and records of all data used to complete the application for this Order. Records shall be maintained for a minimum of five years from the date of the sample, measurement, report, or application. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board.

3. General Reporting Requirement

The discharger shall furnish to the Regional Board, within a reasonable time, any information which the Regional Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The discharger shall also furnish to the Regional Board, upon request, copies of records required to be kept by this Order.

4. Permit Revision

This Order may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:

- (a) Violation of any terms or conditions of this Order;
- (b) Obtaining this Order by misrepresentation or failure to disclose fully all relevant facts; or
- (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

The filing of a request by the discharger for the modification, revocation, and reissuance, or termination of this Order, or notification of planned changes or anticipated noncompliance does not stay any condition of this Order.

5. Change in Discharge

The discharger shall file a new Report of Waste Discharge at least 120 days prior to the following:

- (a) Addition of a major industrial waste discharge to a discharge of essentially domestic sewage, or the addition of a new process or product by an industrial facility resulting in a change in the character of the wastes.
- (b) Significant change in the treatment or disposal method (e.g., change in the method of treatment which would significantly alter the nature of the waste.)
- (c) Change in the disposal area from that described in the findings of this Order.
- (d) Increase in flow beyond that specified in this Order.
- (e) Other circumstances which result in a material change in character, amount, or location of the waste discharge.
- (f) Any planned change in the regulated facility or activity which may result in noncompliance with this Order.

6. Change in Ownership

This Order is not transferable to any person except after notice to the Regional Board. The discharger shall submit this notice in writing at least 30 days in advance of any proposed transfer. The notice must include a written agreement

between the existing and new discharger containing a specific date for the transfer of this Order's responsibility and coverage between the current discharger and the new discharger. This agreement shall include an acknowledgement that the existing discharger is liable for violations up to the transfer date and that the new discharger is liable from the transfer date on. The Regional Board may require modification or revocation and reissuance of this Order to change the name of the discharger and incorporate such other requirements as may be necessary under the California Water Code.

7. Incomplete Reports

Where the discharger becomes aware that it failed to submit any relevant facts in a Report of Waste Discharge or submitted incorrect information in a Report of Waste Discharge or in any report to the Regional Board, it shall promptly submit such facts or information.

8. Report Declaration

All applications, reports, or information submitted to the Regional Board shall be signed and certified as follows:

a. The Report of Waste Discharge shall be signed as follows:

- (1) For a corporation - by a principal executive officer of at least the level of vice-president.
- (2) For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
- (3) For a municipality, state, federal or other public agency - by either a principal executive officer or ranking elected official.

b. All other reports required by this Order and other information required by the Regional Board shall be signed by a person designated in paragraph (a) of this provision, or by a duly authorized representative of that person. An individual is a duly authorized representative only if:

- (1) The authorization is made in writing by a person described in paragraph (a) of this provision;
- (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity; and
- (3) The written authorization is submitted to the Regional Board.

- c. Any person signing a document under this Section shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

9. Regional Board Address

The discharger shall submit reports required under this Order, or other information required by the Regional Board, to:

Executive Officer
California Regional Water Quality Control Board
San Diego Region
9771 Clairemont Mesa Blvd, Suite A
San Diego, California 92124-1324

I. NOTIFICATIONS

1. Vested Rights

This Order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, nor protect the discharger from liability under federal, state or local laws, nor create a vested right for the discharger to continue the waste discharge.

2. U.S. EPA REVIEW

These requirements have not been officially reviewed by the United States Environmental Protection Agency and are not issued pursuant to Section 402 of the Clean Water Act.

3. SEVERABILITY

The provisions of this Order are severable, and if any provision of this Order, or the application of any provision of this Order to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Order, shall not be affected thereby.

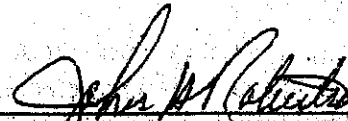
Eastern Municipal Water District

Temecula Valley Regional Water Reclamation Facility

4. **SUPERSESSION**

This Order hereby supersedes Order No. 94-97, "Waste Discharge Requirements for Eastern Municipal Water District, Temecula Valley Regional Water Reclamation Facility, Riverside County." This Order shall become effective the date of its adoption.

I, John H. Robertus, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Diego Region, on September 13, 2000.



JOHN H. ROBERTUS
Executive Officer

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**MONITORING AND REPORTING PROGRAM NO. 2000-165
FOR THE
EASTERN MUNICIPAL WATER DISTRICT
TEMECULA VALLEY REGIONAL WATER RECLAMATION FACILITY
RIVERSIDE COUNTY**

A. MONITORING PROVISIONS

1. Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this Order and, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of the Regional Board.
2. Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than ± 5 percent from true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:
 - (a) "A Guide to Methods and Standards for the Measurement of Water Flow," U. S. Department of Commerce, National Bureau of Standards, NBS Special Publication 421, May 1975, 97 pp. (Available from the U.S. Government Printing Office, Washington, D.C. 20402. Order by SD Catalog No. C13.10:421.)
 - (b) "Water Measurement Manual," U.S. Department of Interior, Bureau of Reclamation, Second Edition, Revised Reprint, 1974, 327 pp. (Available from the U.S. Government Printing Office, Washington D.C. 20402. Order by Catalog No. 127,19/2:W29/2, Stock No. S/N 24003-0027.)
 - (c) "Flow Measurement in Open Channels and Closed Conduits," U.S. Department of Commerce, National Bureau of Standards, NBS Special Publication 484, October 1977, 982 pp. (Available in paper copy or microfiche from National Technical Information Service (NTIS) Springfield, VA 22151. Order by NTIS No. PB-273-535/5ST.)
 - (d) "NPDES Compliance Sampling Manual," U.S. Environmental Protection Agency, Office of Water Enforcement. Publication MCD-51, 1977, 140 pp. (Available from the General Services Administration (8FFS), Centralized Mailing Lists Services, Building 41, Denver Federal Center, Denver, CO 80225.)

3. Monitoring must be conducted according to United States Environmental Protection Agency test procedures approved under Title 40, Code of Federal Regulations (CFR), Part 136, "Guidelines Establishing Test Procedures for Analysis of Pollutants Under the Clean Water Act" as amended, unless other test procedures have been specified in this Order.
4. All analyses shall be performed in a laboratory certified to perform such analyses by the California Department of Health Services or a laboratory approved by the Regional Board.
5. Monitoring results must be reported on discharge monitoring report forms approved by the Regional Board.
6. If the discharger monitors any pollutants more frequently than required by this Order, using test procedures approved under 40 CFR, Part 136, or as specified in this Order, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the discharger's monitoring report. The increased frequency of monitoring shall also be reported.
7. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Order, and records of all data used to complete the application for this Order. Records shall be maintained for a minimum of five years from the date of the sample, measurement, report or application. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board.
8. Records of monitoring information shall include:
 - (a) The date, exact place, and time of sampling or measurements;
 - (b) The individual(s) who performed the sampling or measurements;
 - (c) The date(s) analyses were performed;
 - (d) The individual(s) who performed the analyses;
 - (e) The analytical techniques or method used; and
 - (f) The results of such analyses.

9. All monitoring instruments and devices which are used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy.
10. The discharger shall report all instances of noncompliance not reported under Standard Provisions E.5 of this Order at the time monitoring reports are submitted. The reports shall contain the information listed in Standard Provisions E.5.
11. The monitoring reports shall be signed by an authorized person as required by Reporting and Record Keeping Requirement F.8.
12. A composite sample is defined as a combination of at least eight sample aliquot of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24 hour period. For volatile pollutants, aliquot must be combined in the laboratory immediately before analysis. The composite must be flow proportional; either the time interval between each aliquot or the volume of each aliquot must be proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot. Aliquot may be collected manually or automatically.
13. A grab sample is an individual sample of at least 100 milliliters collected at a randomly selected time over a period not exceeding 15 minutes.
14. Sampling and analysis shall, as a minimum, be conducted in accordance with Article 6 of California Code of Regulations, Title 22, Division 4, Chapter 3 (Reclamation Criteria)

B. EFFLUENT MONITORING

1. TVRWRF effluent shall be monitored at or near the effluent pump station, just prior to the distribution system.
2. The discharger is responsible for monitoring and reporting in accordance with the following schedule:

Flowrate	MGD	Continuous	Continuous	Monthly
Biochemical Oxygen Demand (BOD, @ 20° C)	mg/l	Composite	Daily	Monthly
Total Suspended Solids	mg/l	Composite	Daily	Monthly
Volatile Suspended Solids	mg/l	Composite	Daily	Monthly
pH	Unit	Grab	Daily	Monthly
Total Dissolved Solids	mg/l	Composite	Monthly	Monthly
Chloride	mg/l	Composite	Monthly	Monthly
Sulfate	mg/l	Composite	Monthly	Monthly
Nitrate	mg/l	Composite	Monthly	Monthly
Iron	mg/l	Composite	Monthly	Monthly
Manganese	mg/l	Composite	Monthly	Monthly
Boron	mg/l	Composite	Monthly	Monthly
Fluoride	mg/l	Composite	Monthly	Monthly
Aluminum	mg/l	Composite	Annually	Annually
Arsenic	mg/l	Composite	Annually	Annually
Barium	mg/l	Composite	Annually	Annually
Cadmium	mg/l	Composite	Annually	Annually
Chromium	mg/l	Composite	Annually	Annually
Copper	mg/l	Composite	Annually	Annually
Lead	mg/l	Composite	Annually	Annually
Zinc	mg/l	Composite	Annually	Annually
Mercury	mg/l	Composite	Annually	Annually
Selenium	mg/l	Composite	Annually	Annually
Silver	mg/l	Composite	Annually	Annually
Coliform	MPN/100ml	Grab	*	Monthly
Turbidity Four-hour Results Daily Average Daily 95 th Percentile	NTU	Continuous	**	Monthly
Chlorine Residual (minimum daily value)	mg/l	Continuous	Continuous	Monthly
CT Value	Mg-min/l	Calculation	Daily***	Monthly

Notes: MGD = Million gallons per day
mg/l = milligrams per liter
mg-min/l = milligram-minutes per liter

MPN/100ml = Most Probable Number per 100 milliliters
NTU = Nephelometric Turbidity Units

* Samples for total coliform bacteria shall be collected at least daily and samples shall be taken from the disinfected effluent.

** Turbidity analysis shall be continuous, performed by a continuous recording turbidimeter. Compliance with the daily average operating filter effluent turbidity shall be determined by averaging the levels of recorded turbidity taken at a minimum of four-hour intervals over a 24-hour period. The results of the daily average turbidity determinations shall be reported quarterly.

*** Compliance with CT requirements shall be determined daily based on low chlorine residual and/or peak flow.

The discharger shall increase the monitoring frequency whenever the monitoring data indicates a violation of the daily maximum limits listed in B.3, *Discharge Specifications* of this Order. The frequency shall increase from monthly to weekly. The weekly monitoring will continue until the discharger achieves compliance with the limitations for two consecutive weeks. After compliance is achieved, the discharger shall resume monitoring at the monthly frequency.

3. Eastern Municipal Water District shall review the monitoring results for compliance with Order No. 2000-165 and submit a statement of compliance as part of Monitoring and Reporting Program No. 2000-165. The statement of compliance shall identify and report all effluent limitation violations of Discharge Specifications Nos. B.3 and B.4 of this Order.

4. 24-Hour Reporting

The following failures should initiate a plant shut down, diversion of inadequately treated wastewater and notification to the Regional Board within 24-hours:

Failure of Chlorination Equipment
Effluent Total Coliform MPN greater than 240/100 milliliters
Turbidity greater than 10 NTU
CT less than 450 (mg-min)/l

C. POTABLE WATER SUPPLY

The following shall constitute the potable water supply monitoring program. Effluent and potable water supply monitoring shall be on the same day. The samples shall be collected and reported quarterly. Annually, based upon the monitoring results of the previous 12 months, the discharger shall submit a report demonstrating that the Total Dissolved Solids increment in the effluent over the water supply was typical for municipal wastewater systems in Southern California.

Total Dissolved Solids	mg/l
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D. SEWAGE SOLIDS AND BIOSOLIDS

A record of the type, quantity, and manner of disposal and/or reuse of non-recycled sewage solids removed in the course of sewage treatment shall be maintained at the facility and

made available to the Regional Board staff.

A biosolids certification, certifying that the use and disposal of biosolids complies with existing Federal and State laws and regulations, including permitting requirements and technical standards included in 40 CFR 503 shall be submitted annually.

E. RECYCLED WATER USERS SUMMARY REPORT

1. The Eastern Municipal Water District shall submit a quarterly recycled water users summary report containing the following information:
 - a) Total volume of recycled water supplied to all recycled water users for each month of the reporting period.
 - b) Total number of recycled water use sites.
 - c) Address of the recycled water use site
 - d) Basin Plan name and number of hydrologic subarea underlying the recycled water use site
2. The Eastern Municipal Water District shall submit an annual recycled water users compliance report containing the following information:
 - a) Recycled water use site information:
 - 1) Name of the recycled water use site
 - 2) Owner of the recycled water use facility
 - 3) Name of the recycled water use supervisor
 - 4) Phone number of the recycled water use supervisor
 - 5) Mailing address of the recycled water use supervisor, if different from site address
 - 6) Volume of recycled water delivered to the recycled water use site on a monthly basis.
 - b) Recycled water use site inspections

Number of recycled water use site inspections conducted by EMWD staff and identification of sites inspected for the reporting period.
 - c) Recycled water user violations of EMWD's rules and regulations

EMWD shall identify all recycled water users known by the discharger to be in violation of the discharger's rules and regulations for recycled water users. The report shall include a description of the noncompliance and its cause, including the period of noncompliance, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

September 13, 2000

F. REPORTING


Monitoring reports shall be submitted to the Regional Board in accordance with the following schedule:

<u>Reporting Frequency</u>	<u>Report Period</u>	<u>Report Due</u>
Monthly	January, February, March, April, May, June, July, August, September, October, November, December	By the 30 th day of the following month (28 th for February)
Quarterly	January-March April-June July-September October-December	April 30 July 30 October 30 January 30
Annually	January-December	January 30

Monitoring reports shall be submitted to:

California Regional Water Quality Control Board
San Diego Region
9771 Clairemont Mesa Blvd., Suite A
San Diego, CA 92124-1324
Attention: POTW Unit

Ordered by


JOHN H. ROBERTUS
Executive Officer
September 13, 2000

ATTACHMENT NO. 1
TO
ORDER NO. 2000-165

RULES AND REGULATIONS FOR RECYCLED WATER USE PROJECTS

Pursuant to California Water Code (CC) Section 13523.1(b)(3), this Order requires the Eastern Municipal Water District (hereinafter Recycled Water Agency), to establish and to enforce rules and regulations governing the design, construction and use of recycled water distribution and disposal systems by its customers. The rules and regulations shall be consistent with the with the following criteria:

- a) Title 22, Division 4, Chapter 3, *Wastewater Reclamation Criteria*;
- b) Title 17, Division 1, Chapter 5, Group 4, Article 1 & 2, of the California Code of Regulations;
- c) The State Department of Health Services (DOHS) *Guidelines For Use of Recycled Water*, *Guidelines for Use of Recycled Water for Construction Purposes*, and the County of Riverside Department of Environmental Health Recycled Water Plan Check and Inspection Manual;
- d) Any measures that are deemed necessary for protection of public health, such as the American Water Works Association (AWWA) California/Nevada Section, *Guidelines for the Distribution of Non-Potable Water* or other measures that are deemed necessary by the State DOHS.

At a minimum, the rules and regulations shall notify the users that:

1. The use of recycled water shall not cause a pollution, contamination or nuisance, as defined by Section 13050 of the California Water Code.
2. The Recycled Water Agency, the Regional Board, the State and Local Health Department, or an authorized representative of these parties, upon presentation of proper credentials, shall have the right to enter upon the recycled water use site during reasonable hours, to verify that the user is complying with the Recycled Water Agency's rules and regulations.
3. The recycled water user shall provide written notification, in a timely manner, to the Recycled Water Agency of any material change or proposed change in the character of the use of recycled water.
4. Prior to the initiation of recycled water service, the recycled water user shall submit plans and specifications for recycled water distribution facilities to the Recycled Water Agency.
5. The recycled water user shall designate a recycled water supervisor who is responsible for the recycled water system at each use area under the user's control. Specific responsibilities of the recycled water supervisor include the proper installation, operation, and maintenance of the irrigation system; compliance of the project with the Recycled Water Agency's rules and regulations, prevention of potential hazards and preservation of the recycled water distribution system plans in "as built" form.

6. The Recycled Water Agency may terminate service to a recycled water user who uses, transports, or stores such water in violation of the Recycled Water Agency's rules and regulations.
7. All recycled water storage facilities owned and/or operated by recycled water users shall be protected against erosion, overland runoff, and other impacts resulting from a 100-year, 24-hour frequency storm unless the Regional Board approves relaxed storm protection measures for the facility.
8. All recycled water storage facilities owned and/or operated by recycled water users shall be protected against 100 - year frequency peak stream flows as defined by the Riverside County flood control agency unless the Regional Board approves relaxed flood protection measures for the facility.
9. The Regional Board may initiate enforcement action against any recycled water user who discharges recycled water in violation of any applicable discharge requirement prescribed by the Regional Board or in a manner which creates or threatens to create conditions of pollution, contamination or nuisance, as defined in Water Code Section 13050.
10. A copy of the recycled water rules and regulations, irrigation system layout map, and a recycled water system operations manual shall be maintained at the use area. These documents shall be available to operating personnel at all times.
11. Irrigation with disinfected tertiary recycled water shall not take place within 50 feet of any domestic water supply well unless all of the following conditions have been met:
 - (a) A geological investigation demonstrates that an aquitard exists at the well between the uppermost aquifer being drawn from and the ground surface.
 - (b) The well contains an annular seal that extends from the surface into the aquitard.
 - (c) The well is housed to prevent any recycled water spray from coming into contact with the wellhead facilities.
 - (d) The ground surface immediately around the wellhead is contoured to allow surface water to drain away from the well.
 - (e) The owner of the well approves of the elimination of the buffer zone requirement.
12. Impoundment of disinfected tertiary recycled water shall not occur within 100 feet of any domestic water supply well.

13. Irrigation with, or impoundment of, disinfected secondary-2.2 or disinfected secondary -23 recycled water shall not take place within 100 feet of any domestic water supply well.
14. Irrigation with, or impoundment of, undisinfected secondary recycled water shall not take place within 150 feet of any domestic water supply well.
15. Recycled water facilities shall be operated in accordance with best management practices (BMP's) to prevent direct human consumption of recycled water and to minimize misting, ponding, and runoff. BMP's shall be implemented that will minimize both public contact and discharge onto areas not under customer control.
16. Irrigation with recycled water shall be during periods of minimal human use of the service area. Consideration shall be given to allow a maximum dry-out time before the public will use the irrigated area.
17. All drinking fountains located within the approved use area shall be protected by location and/or structure from contact with recycled water spray, mist, or runoff. Protection shall be by design, construction practice, or system operation.
18. Facilities that may be used by the public, including but not limited to eating surfaces and playground equipment and located within the approved use areas, shall be protected to the maximum extent possible by siting and/or structure from contact by irrigation with recycled water spray, mist, or runoff. Protection shall be by design, construction practice or system operation.
19. Spray irrigation with recycled water, other than disinfected tertiary recycled water, shall not take place within 100 feet of the property line of a residence or a place where public exposure could be similar to that of a park, playground, or school yard.
20. All use areas where recycled water is used and that are accessible to the public shall be posted with conspicuous signs, in a size no less than 4 inches by 8 inches, that include the following wording: "RECYCLED WATER - DO NOT DRINK". The sign(s) shall be of a size easily readable by the public. Each sign shall display an international symbol similar to that shown in either Figure 1 or Figure 2.
21. No physical connection shall be made or allowed to exist between any recycled water system and any separate system conveying potable water.
22. The recycled water piping system shall not include any hose bibs. Quick couplers that are different from that used on the potable water system may be used.
23. The public water supply shall not be used as a backup or supplemental source of water for a recycled water system unless the connection between the two systems is protected by an air

gap separation which complies with the requirements of Sections 7602(a) and 7603(a) of Title 17 and the approval of the public water system has been obtained. If a "Swivel-ell" type connection is used it must be used in accordance with the provisions of the Department of Health Services Policy Memo 95-004. Approved backflow prevention devices shall be provided, installed, tested, and maintained by the recycled water user in accordance with the applicable provisions of Title 17, Division 1, Chapter 5, Group 4, Article 2.

24. No person other than the Recycled Water Agency shall deliver recycled water to a facility. Connection to the recycled water irrigation system to an individual residence is prohibited.
25. All recycled water piping and appurtenances in new installations and appurtenances in retrofit installations shall be colored purple or distinctively wrapped with purple tape in accordance with Chapter 7.9, section 4049.54 of the California Health and Safety Code.
26. Reuse site shut down tests and inspections shall be monitored by the County of Riverside Department of Environmental Health or the State Department of Health Services.
27. Customer complaints concerning recycled water use that may involve public illness shall be reported to the County of Riverside Department of Environmental Health and the State Department of Health Services, and to the Recycled Water Agency who shall maintain a log of all customer complaints regarding recycled water.
28. Any backflow prevention device installed to protect the public water system shall be inspected and maintained in accordance with Section 7605 of Title 17.

