

ATTACHMENT E

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LOS ANGELES REGION

BEST MANAGEMENT PRACTICES OF ADDITIONAL SITE SPECIFIC REQUIREMENTS FOR NON-IRRIGATION GENERAL WATER REUSE ORDER NO. R4-2009-0049

I. GENERAL OPERATIONAL CONTROLS

- A. All recycled water piping and appurtenances in new installations and appurtenances in retrofit installations shall be colored purple or distinctively identified with purple tape, tag, or stickers in accordance with California Health and Safety Code section 116815(a).
- B. Where feasible, different piping materials should be used to assist in water system identification.
- C. All recycled water valves and outlets shall be properly tagged to notify the public and employees that the water is not to be injected.
- D. All recycled water valves, outlets and sprinkler heads should be of a type that can only be operated by designated personnel.
- E. Only quick couplers that differ from those used on the potable water system shall be used on the portions of the recycled water piping system in areas subject to public access.
- F. The recycled water piping system shall not include any hose bibs. The use or installation of hose bibbs on any on-site water system that presently operates or is designed to operate with recycled water, regardless of the hose bibb style, construction or identification is strictly prohibited.
- G. No physical connection shall be made or allowed to exist between any recycled water system and any separate system conveying potable water.
- H. The use of recycled water shall at no time create odors, slime, deposits, become a public or private nuisance or create a trespass of any kind.
- I. The use area shall be maintained to prevent the breeding of flies, mosquitoes or other vectors.
- J. Recycled water facilities shall be operated to prevent direct human consumption of recycled water and to minimize misting, ponding, and runoff.

- K. The recycled water user supervisor should attend regular training regarding the safe and efficient operation and maintenance of recycled water use facilities.
- L. The recycled water use supervisor shall ensure that all recycled water facilities are maintained, operated and repaired at all times in a manner that does not cause illness or injury to any person and in a manner that does not cause damage or injury to the real or personal property of any person or entity.
- M. The User shall notify the Executive Director in writing within thirty (30) days of change any changes to recycled water user supervisor personnel or contact information for the recycled water user supervisor.
- N. Regular inspections shall be conducted to assure cross connection are not made with potable water systems and air-gap devices are installed and operable.

II. WORKER/PUBLIC PROTECTION:

- A. Using appropriate notification and signage, workers, residents, and the public shall be made aware of the use of recycled water and that it should not be ingested. Workers should be educated about proper hygienic practices with regards to recycled water uses.
- B. Workers and others must be notified that recycled water is in use, through the posting of signs, etc.
- C. The following measures should be taken to minimize contact with recycled water:
 - 1. Workers/public should not be subjected to recycled water sprays.
 - 2. Workers should be provided with the appropriate clothing during prolonged contact with recycled water.
- D. Potable drinking water should be provided for workers.
- E. Toilet and washing facilities should be provided.
- F. Precautions should be taken to avoid contact of recycled water with food and food should not be taken into areas that are still wet with recycled water.

- G. A first aid kit should be available on site, to prevent the contact of cuts and other injuries with recycled water.

III. GENERAL WATER REUSE PRACTICES:

- A. All windblown spray and surface runoff of reclaimed water applied for water reuse practices onto property not owned or controlled by the Distributor or User shall be prevented.
- B. Water reuse of recycled water shall be during periods of minimal human use of the service area. Consideration shall be given to allow an adequate dry-out time before the use area will be used by the public.
- C. 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. 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.