



On Site Recycled Irrigation Site Requirements

1. All on-site irrigation improvements are part of a recycled water distribution system. No construction will be allowed until all approvals have been obtained.
2. Cross connections between recycled water lines and potable lines are **strictly prohibited**.
3. Use of recycled water shall adhere to Title 17 and Title 22, Division 4, Chapter 3 of the California Code of Regulations and the current Rules, Regulations and Specifications of the District.
4. The District Inspection Department shall be notified at least 5 working days prior to the start of construction at (619) 670-2222. All work performed without benefit of inspection shall be subject to rejection or removal.
5. All on site recycled water irrigation piping, and on site potable water piping installed under this design shall be identified in accordance with the District Standard Specifications.
6. All on site recycled water piping shall be purple colored PVC, continuously stenciled on opposite sides of the pipe with the words: "CAUTION - RECYCLED WATER". Approved manufacturers of this pipe can be found on-line at (www.sdwas.com) in the Water Agencies' Standard Specifications Approved Materials List.
7. All on site potable water lines shall be white PVC, unless otherwise approved by the District.
8. Unless otherwise directed by the District, a 4 foot horizontal and 1 foot vertical separation between potable water and constant pressure recycled water lines shall be maintained at all times. The potable lines shall be installed above the recycled water lines.
9. Where potable lines and constant pressure recycled water lines cross, the recycled water line shall be installed below the potable water line in a



- class 200 purple colored PVC sleeve. The sleeve shall extend 5 feet on either side of the potable line, for a total of 10 feet. Sleeves shall be twice the size and of the same color as the piping that is to be sleeved.
10. A minimum vertical separation of 12 inches shall be maintained between utilities at all times.
 11. Hose bibs are strictly prohibited in recycled water systems.
 12. All spray heads, valve boxes, and quick coupler valves shall be clearly color-coded purple to indicate the use of recycled water.
 13. Recycled water lines shall not cross roads, streets, easements, or hardscape unless sleeved and specifically shown on the plans.
 14. All pressure lines shall be tested with hydrostatic pressure as required in the District Standard Specifications. No leakage or pressure loss shall be allowed. Contractors shall provide all equipment for hydrostatic tests. A representative of the District shall witness these tests.
 15. All signage shall be approved and installed prior to energizing the system with recycled water. A signage plan indicating use of recycled water shall be submitted to the District for approval prior to installation and all signage shall be called out on the approved plans. As a minimum signs must be posted and written in English and Spanish with the international symbol for (do not drink). See WM-08 in the Water Agencies' Standards.
 16. The District shall size meters.
 17. All recycled water services are required to have a Point Of Connection (P.O.C) per Water Agencies' Standard Specifications Drawing WR-03. Service shall not be established until these devices have been installed and certified.
 18. Prior to energizing the on-site system with recycled water two (2) complete sets of laminated controller charts shall be prepared. One set to the District, one set in onsite controllers.
 19. Each automatic controller and its associated equipment shall be identified with a sign bearing the words "RECYCLED WATER USED FOR IRRIGATION" in English and Spanish, with letters at least 1 inch high on



an approved purple type sign. The sign shall be so placed as to be readily seen by any operations personnel utilizing the equipment.

20. Contractors shall adjust all sprinkler heads for optimum performance. This shall include throttling the flow control at each valve to obtain the optimum operating pressure for each system. Conditions that cause overspray, ponding, or runoff shall be eliminated. Adjustment of the system to avoid these conditions is required.
21. No meter set(s) shall take place until a site supervisor has been named with 24hr emergency contact information.
22. The irrigation system has been designed to and shall be operated between the hours of **9:00 P.M. and 6:00 A.M.** unless otherwise approved by the District.
23. No substitution of pipe materials will be allowed without prior approval of the District.
24. The District and/or the San Diego County Department of Environmental Health will do an initial and annual cross-connection inspection at projects with recycled water service. Copies of inspection reports will be forwarded to the non-inspecting party.
25. Failure to comply with the District's Rules and Regulations is a violation and could result in suspension of service until the appropriate corrective steps have been taken.
26. The District requires that all recycled irrigation projects have an on-site user/supervisor that shall be designated in writing. The on-site user/supervisor shall be familiar with plumbing systems within the property, with the basic concepts of backflow/cross connection protection, the recycled water purveyor's rules and regulations, and the specific requirements of a recycled water system. Copies of the designation, with contact phone numbers shall be provided to the Otay Water District and San Diego County Department of Environmental Health .