



## Environmental Compliance

4625 Latrobe Road  
El Dorado Hills, CA 95762  
PH: (530) 295-6873  
FX: (530) 295-6879  
[www.eid.org/recycledwater.htm](http://www.eid.org/recycledwater.htm)

## Residential Recycled Water On-Site Irrigation Plan Submittal Sheet

The submittal of landscape irrigation plans is to ensure that the proposed use of recycled water is in accordance with the development Engineer's Report.

The design and construction of residential landscape irrigation systems shall comply with the Recycled Water On-Site Design and Construction Standards for Residential Dual Plumbed Homes. The District will review the plans and will return one set with required corrections, if needed. After all revisions have been incorporated into the plans, two sets of final approved will be retained by the District. The Design and Construction Standards can be found at [www.eid.org/recycledwater](http://www.eid.org/recycledwater). For more info contact **Doug Venable @ (530) 295-6872**

Plans are reviewed in the order they are received. Missing information or improperly prepared plans will delay the approval process. A letter of approval/denial will be issued to the designer and the homeowner.

### PLAN SUBMISSION CHECKLIST

- 1) Designer must be on the current EID Authorized list
- 2) Landscape contractor must be on the current EID Authorized list
- 3) Typical plan submittals must include required information (*turn this sheet over for list*)
- 4) Submit two (2) sets\* of irrigation plans (landscape irrigation sheets) - \* **Blackstone submit 3 Sets**
- 5) Allow 15 business days (3 weeks) for plan review - status letter will be mailed
- 6) The plans must show *both* the potable water system if it enters the landscaping (fill lines) and recycled water system facilities

### Owner Information

Owner Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Mail Address: \_\_\_\_\_  
Home Phone: ( ) \_\_\_\_\_ Alternate Phone: ( ) \_\_\_\_\_  
E-mail Address: \_\_\_\_\_  
Site Address: \_\_\_\_\_

### Designer Information

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Email: \_\_\_\_\_  
Office Phone: ( ) \_\_\_\_\_ Cell Phone: ( ) \_\_\_\_\_

### Contractor Information

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Email: \_\_\_\_\_  
Office Phone: ( ) \_\_\_\_\_ Cell Phone: ( ) \_\_\_\_\_

## Guide to Irrigation Plan Preparation

***Plan review and approval required before construction.***

- Submit two (2) **sets**\* landscape irrigation plans (8 ½"x11" or 11"x17") \***Blackstone-3 Sets**
- Draw plans to scale and note scale on the plans
- Allow 15 days (3 weeks) for plan review - letter of status will be mailed
- Both sets of approved plans are retained at E.I.D. - one (1) in file, one (1) to inspector

### ***Include the Following Information***

#### Irrigation Equipment Legend Specifying All Materials of Construction

- All pertinent information for each type of sprinkler head and/or emitter
- Pipe schedule listing pipe sizes, materials of construction, and type of water conveyed by the piping
- Valve types
- Indication of purple pipe with recycled water stenciling and valves with purple covers

#### And show the following information for each type of sprinkler head:

- Sprinkler radius range (feet)
- Operating Pressure (psi)
- Flow (gpm)
- Sprinkler pattern

#### Show all drip irrigation systems, and install:

- In-line pressure reducing valve down stream of the remote control valve
- Place below grade in a plastic valve box
- Adjusted to the proper operating pressure for the drip system
- In-line Wye filter down stream of control valve & upstream of pressure reducing valve
- Filter shall be placed below grade in a plastic valve box
- Install drip tubing a minimum of four inches below grade

#### For each valve, the following information is required:

- Manufacturer names and model numbers
- Flow through the valve (gpm) – (maximum is 10 gpm for any irrigation zone)

#### Pipe Depth

- Recycled Water Pipe twelve (12) inches below sub-grade

#### Horizontal Separation

- Buried constant pressure recycled and potable water pipe ten (10) foot parallel separation

#### Vertical Separation

- Recycled water pipe buried minimum of twelve (12) inches below potable water pipe

#### General Information

- Include owner, designer, and contractor name, address, and phone numbers on plan
- Show all potable water and recycled water system facilities
- Show the location of the hose bibs attached to the house
- Show the location of the irrigation timer
- Show all water features (pools, spas, fountains, ponds, misters, etc.)
- Show Pool and spa with copper fill line ( if auto fill)
- For any water features without auto fill, note: "*no fill line*"