

DSRSD RECYCLED WATER PROGRAM
RECYCLED WATER CUSTOMER CONNECTIONS

Plan Review Check List

- Do plans include a site/piping plan and details of connection points?
- Are all items required in the Recycled Water Use Guidelines shown on the site/piping and detail plans?
- Is the use area shown on the site an approved use area?
- At new facilities, is the proper horizontal and vertical separation shown between potable water and recycled water mainlines?
- Do the plans indicate that all recycled water and potable water systems are completely separated (no cross connections)?
- At existing facilities converting to recycled water use, are all locations where future recycled water piping must be separated from the potable water piping clearly indicated on the plans?
- Are the proper backflow prevention devices shown in the proper location for protection of the public potable water system? Reduced pressure (RP) principal backflow prevention assemblies should be shown located as close as possible to all potable water meters and at least 12 inches above grade. A double check backflow prevention device should be shown as close as possible to the service connection for fire service lines at sites where recycled waste is used within the building.
- Did the fire department review any proposed modifications to the fire service lines?
- If the on-site recycled water system is interconnected with industrial process piping, fertilizer injection systems or an impoundment, is the proper backflow protection device shown in the proper location for protection of the public recycled water distribution system? In such cases, usually an RP device is required at the recycled water meter, at least 12 inches above grade.
- If there are wells located on-site or near the use site, are the wells separated from all recycled water irrigation use areas by at least 50 feet and from all recycled water impoundments by at least 100 feet?
- Do plans show where modifications are required to on-site facilities to comply with the recycled water requirements outlined in the Use Guidelines, such as protection of eating/drinking facilities from overspray, prevention of windblown spray/runoff from leaving the approved use area, prevention of ponding, posting of notification signs, etc.?
- Do plans identify work requiring inspection?
- Has the On-site Supervisor been designated and trained?