



# Checklist for a Water-Efficient Irrigation System

Client Name: \_\_\_\_\_

Professional Name: \_\_\_\_\_

I used the following components or practices in your irrigation system to optimize water efficiency:

## Irrigation System/Components

- Installed a WaterSense® labeled irrigation controller.
- Installed a smart technology, such as a soil moisture sensor.
- Installed a rain sensor shut-off device to prevent watering during and after rain.
- Installed drip or low-volume irrigation emitters.
- Ensured overlapping, head-to-head coverage for efficient and uniform water distribution.
- Ensured your standard irrigation controller has the following capabilities:
  - Add zones/wiring
  - Multiple watering cycles and programs
  - Seasonal adjustments
  - Interval watering days
- Ensured that water application rates are adjusted to avoid runoff.
- Planned zones according to plant type and watering needs.
- Installed your irrigation system to meet the design criteria and conform to the site conditions.
- Installed low-angle nozzles in windy areas to minimize water loss.
- Adjusted sprinkler heads to avoid overspray.

- Used the proper pipe sizes to ensure uniform operating pressure and even water application.
- Installed check valves to prevent low head drainage in sloped areas.
- Installed a flow sensor to automatically shut off a system in the event of a break.
- Ensured correct pressure and flow rates to avoid misting or fogging, using pressure regulating devices when applicable.

## Practices

- Provided written operation and maintenance instructions for you covering:
  - Watering schedule
  - Seasonal adjustments
  - Winterizing
  - Spring reactivation
- Set the schedule to irrigate using short cycles to allow water to soak in and avoid runoff.
- Used matched precipitation nozzling.
- Performed a water audit.

Remember to check regularly for damaged sprinkler heads, inadequate coverage, clogged nozzles, and leaks. Regularly scheduled assessments can help you do this. It is recommended that your next assessment take place on \_\_\_\_\_.