

Irrigation Maintenance Checklist

DEVELOP A PLAN OF ACTION

- Develop an as-built identifying irrigation line layout and watering zones. Provide a copy to the property owner.
- Identify all watering zones & size emitters to plant water demand needs within each zone (run time). If plants with different water needs are on the same zone, create a schedule for the plant type with the highest need.
- Ensure that the water supply line shut-off/isolation valve to the irrigation system is fully functional. If non-functional, it is recommended to replace with a ball valve.
- Per Tucson City Code ensure that the backflow assembly is fully functional.

QUARTERLY INSPECTION

- Develop a gallons per minute (gpm) flow rate log for each zone. Manually run each zone (10 min) allowing the line to fully pressurize and use the water meter to record the (gpm) flow rates.
- Review your water bill and compare historical monthly consumption to monitor water use patterns.
- Encourage root development by moving the dripline to the edge of the canopy.
- Manually run each zone (10 min) allowing the line to fully pressurize. Conduct an efficiency walkthrough by inspecting water lines, sprinkler heads, emitters, valve boxes, and other components. Look for wet or overly saturated spots in the landscape. Keep track of the walkthrough inspection dates in the log below.

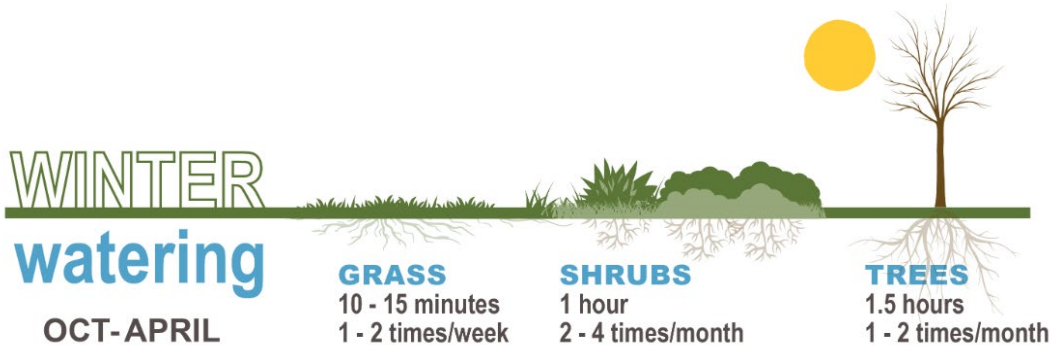
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- Replace non-functioning components with identical or equivalent parts. This ensures uniform coverage and design integrity throughout the system.

WINTER WATERING (OCTOBER – APRIL)

- Adjust controller and set to recommended seasonal winter schedule.
- Schedule seasonal pruning during the winter months and always apply best pruning practices. Avoid pruning during freeze warnings.
- Exercise the manual shut-off valve/isolation valve.

- Check and clean the filter screen in each sprinkler body. Adjust the rotor arc or spray pattern to reduce water waste.
- Test spray heads and check for distribution uniformity.
- Inspect all drip emitters and replace emitters that are not working efficiently.
- Check irrigation Y-Filters and clean any clogged equipment.



SUMMER WATERING (MAY – SEPTEMBER)

- Adjust controller and set to recommended seasonal summer schedule.
- Replace the backup battery for irrigation controller (if applicable).
- Exercise the manual shut-off valve/isolation valve.
- Check and clean the filter screen in each sprinkler body. Adjust the rotor arc or spray pattern to reduce water waste.
- Test spray heads and check for distribution uniformity.
- Inspect all drip emitters and replace emitters that are not working efficiently.
- Check irrigation Y-Filters and clean any clogged equipment.
- When possible, avoid pruning during the hottest parts of the summer and always apply best pruning practices.
- Turn irrigation system off during monsoon rains.

