



## Albuquerque Bernalillo County Water Utility Authority Water Smart Contractor program



*Water Smart Contractors are featured in Water Authority communications and receive branding materials.*

**Companies listed as Water Smart contractors** follow Irrigation Association best management practices.

1. Landscape and irrigation work performed will comply with applicable laws and codes.
2. The irrigation system should be designed to facilitate installation and the long-term maintenance of the system as the landscape matures.
3. Irrigation systems should be properly designed, installed, and maintained to avoid creating flow or spray that leaves the property, and sprinkler system scheduling should follow a time of day watering restrictions to avoid water waste.
4. New installations of irrigation systems shall be equipped with a smart controller, master valve, flow sensor, pressure regulator, and any other appropriate component that improves water efficiency. *Rebates are available for customers.*
5. Efficient seasonal and/or monthly watering schedules shall be followed throughout the irrigation season.
6. Monthly servicing of irrigation systems must be included as part of the scope of work of future maintenance service quotes and contracts. At a minimum monthly service should include:
  - a. Review the system components to verify the efficient operation and uniform distribution of water:
    - i. Examine and clean filtration as needed.
    - ii. Inspect and verify the proper operation of the irrigation controller. Confirm correct date/time input and functional backup battery where used.
    - iii. Inspect and verify that the sensors used in the irrigation system are working properly.

- iv. Inspect and verify that sprinkler heads are operating at recommended pressures and are properly adjusted — nozzle size, arc, radius, level, and attitude concerning the slope.
  - v. Ensure that plant material is not blocking or interfering with the operation or output of sprinkler heads.
  - vi. Inspect drip irrigation zones, check the pressure regulator, service the filter, and flush laterals to remove silt and foreign matter. Inspect for clogged and missing emitters or damage to the tubing and make repairs.
  - vii. Repair or replace the broken pipe or malfunctioning components and restore the system to its optimal performance capabilities.
  - viii. Test and adjust all repairs.
- b. Maintenance professionals should create a system with customers to complete repairs promptly to support the integrity of the irrigation system and to assure minimum plant mortality.
  - c. Document maintenance procedures and findings.