



DUAL METERING INSTALLATION PROCEDURE

1. Fill out the Dual Meter Agreement and Right-of-Entry, and pay the initial setup fees for dual metering at the main office at 6265 N. La Canada Drive.
2. Receive the dual metering kit, including the upstream and downstream angle meter stops, the downstream dual check valve, and the “meter jumper” that will be replaced with a 5/8” meter once inspection and testing is complete.
3. Be sure to consult local municipal codes regarding permitting, piping materials, depth of irrigation, and backflow requirements as necessary.
4. Dial 811 for Arizona Blue Stake (or call 1-800-STAKE-IT) two working days before you dig to have all underground utilities marked in the area you will be working on the private property.
5. Excavate and verify a suitable location to splice into the private side of the service line (within 5 feet of the existing meter).
6. Excavate and install all reconfiguration piping from the new dual meter location to where the existing outdoor pipe(s) will be severed from the old supply line(s).
7. Install all fittings/pipe provided in the dual metering kit in an appropriate dual metering location and at an appropriate depth, including the “meter jumper” pipe that will be replaced by the dual meter. The AMS fittings need to be between 7 to 10 inches below existing grade, and this depth can be determined by measuring down from a piece of lumber or rigid pipe spanning the ground level over the excavation (see Dual Metering Detail for specifications).
8. Make arrangements to have the water shut off at the meter. You may wish to also isolate the main shut off valve at the house (if available).
9. At the location in step #5, splice into the existing private domestic service piping, and connect to the new dual meter supply piping.
10. At the location(s) in step #6, sever outdoor/irrigation uses from house connections and tie-over to the new dual meter supply piping, as well as cap old supply connections to house piping.
11. When all connections have been made, make arrangements to restore the water supply at the existing meter and at the house (if applicable), and check entire reconfiguration for leaks.
12. Open up each outdoor use and flush the system of any debris.
13. When the above is completed, call the Engineering office at 575-8100 to inform Metro Water you are ready for inspection/testing.
14. The Metro Water Field Tech will verify the system meet the Dual Meter Detail parameters. Deficient items will need to be corrected before the dual meter is set and system testing occurs.
15. Once the meter and box is set, the customer will be asked to turn on each irrigation and/or outdoor use. BOTH meters should record usage if correctly installed.
16. The customer will then be asked to turn on the water in the home, and ONLY the existing domestic meter should record usage if correctly installed.
17. If either #15 or #16 is unsuccessful, the customer will need to investigate further to determine why the outdoor uses are not fully isolated, make the needed modifications, and then request further inspections.
18. If #15 and #16 test OK, meter readings are taken from both meters to be reported to the office, and dual metering has been established.