

Property Address _____

Company Name _____

Installing Contractor Name _____

Installation Date _____

Check List for Soil Moisture Sensors (SMS)

Irrigation System Evaluation:

- No leaks detected
- Irrigation heads working properly based on evaluation
- Irrigation system in good condition for SMS installation

Site Selection for Probe:

- In the location needing most frequent irrigation
- 5 feet away from (check all):
 - A property line
 - An impervious surface
 - A structure (e.g., house, porch, shed, etc.)
 - A depression/swale
 - On-site treatment and disposal systems (e.g., septic tanks, drain fields)
 - A plant bed (if possible)
 - A shaded north side of the home (if possible)
 - A downspout
 - An overhang
 - A hose bib
 - An air-conditioner system condensate line
 - A construction road
 - An area with plant debris (e.g., tree stump)
 - An area with fill dirt (if fill dirt is unrepresentative of the entire landscape)
 - Buried material (e.g., cable, water, or sewer line)

Installation of the Probe:

- In the root zone of turfgrass
- In undisturbed soil
- With the center of their sensing section approximately 3 inches deep
- If probe has (choose one):
 - Exposed wave guides: installed horizontally, with the wide side facing up
 - Encased wave guides: installed horizontally, with the thin side facing up
 - Rods: installed vertically, with the top leveled with the ground
 - Node probe/s: installed vertically in a slurry of soil and water
- A picture was taken, showing probe installation depth and orientation



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Check List for Soil Moisture Sensors (SMS) - Continued

Map of the Probe's Location:

- Measured distance between the probe and two permanent points in the landscape
- Map drawn with the distance between the probe and two permanent points in the landscape
- Map with the probe location adhered to or beside the irrigation timer

Wiring:

- Outdoor wire connections protected with waterproof grease caps

Connection to the Timer:

- SMS controller installed next to the irrigation timer (choose one):
 - On an interior wall
 - Outdoor with a waterproof housing
- If probe is not a GMS type: SMS wired to the zone needing most frequent irrigation
- If probe is a GMS type:
 - SMS wired to the zone needing most frequent irrigation
 - Zone wired to SMS (choose one):
 - Was the last zone in the irrigation timer
 - Swapped zones, such that the SMS is now wired to the last zone

Calibration:

- Saturated soil around the probe
- Initiated automatic calibration
- No rain for 24 hours after initiated automatic calibration

Timer:

- Programmed following local watering restrictions (day/s of the week, start time/s)
- Runtimes scheduled to fulfill the maximum irrigation requirement during the year

Contractor Signature _____

Date _____

For questions or concerns, please contact the Tampa Bay Water Wise rebate processing center at TampaBayWaterWise@egia.org or call 888-491-0033.