



Receive a **free** drainage estimate

We install quality French drains, pool deck drains, area drains, channel drains, pump stations, or a combination of all. Quality installation and quality parts are critical to a good system. We see many systems installed with no plan, without measurements, and installed using cheap corrugated pipe. Corrugated pipe clogs very easy and is prone to the invasion of tree roots. Call 281-494-3700 to schedule free estimate!

We are NDS certified drainage experts.

We also clean and diagnose problems in existing drainage. We have Speedy (Roto) Rooter and Electric Eel camera equipment to help us determine and fix problem.

How to detect and diagnose water leaks

Check your water meter for movement

1) If meter does not show movement

- a. Perform a pressure test to ensure meter accuracy (call SWIS for this procedure)
- b. Check sprinkler controller for over watering
- c. Check to ensure you do not have a broken lateral or sprinkler head on one of your zones (this would only leak while that zone is running)
- d. Look for drainage issues
- e. Yard could be overly wet from rain and/or gutters (reminder, yard takes longer to dry in colder months)
- f. Call your water provider and ask for an accuracy check (they typically do not charge for this but check to make sure)

2) If meter shows movement

- a. Determine if you have a sprinkler line leak or house mainline leak
- b. Shut off your Pressure Vacuum Breaker (PVB) by turning one of the valves with a 90-degree turn
 1. If this stops the meter, then you have a leak on your sprinkler system after the PVB
 2. If this does not stop movement, you have a leak in the mainline between the meter and PVB/House

3) If you have determined that it is a sprinkler leak it could be one of the following

- a. A valve could be leaking thru the diaphragm (you would see standing water in multiple areas around the heads of that zone)
- b. You could have a small break in the mainline before the valves (keep in mind that this would be leaking 24/7, so even if its small it could accumulate over time). This would cause water to normally accumulate in one spot.

4) If you have determined that it is a leak before the PVB/House and it is not from something in the house, call SWIS for repair. Your meter would have to be shut off temporarily for this repair.