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## Mission Statement

H2GO is committed to assuring a quality of life for our valued customers by providing the highest levels of water and sanitary sewer services, from Source to Stream, in a safe and efficient manner.

As professional service providers, H2GO in cooperation with its community partners will comprehensively plan, develop, maintain and operate the District's utility systems in a customer service oriented and cost-effective manner.



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# Irrigation System Maintenance

Maintaining your irrigation system is one of the most effective ways to reduce wasted water, pollution from run-off and over-irrigation, and improve plant health by applying the correct amount of water where it can be utilized by the landscape.

A check of your irrigation system should be performed at the beginning of every watering season. This ensures correct performance of your system.

Basic maintenance of an irrigation system include:

1. Inspect the controller and make sure it is properly plugged in and functioning;
2. Update the time and date;
3. Check the connection of all wires, making sure that all sensors are properly connected;
4. Replace the backup battery;
5. Change the schedule to reflect your yards needs;
6. Turn on each zone, checking for system damage.

# System Damages & Problems

## Leaking Valves or Pipes

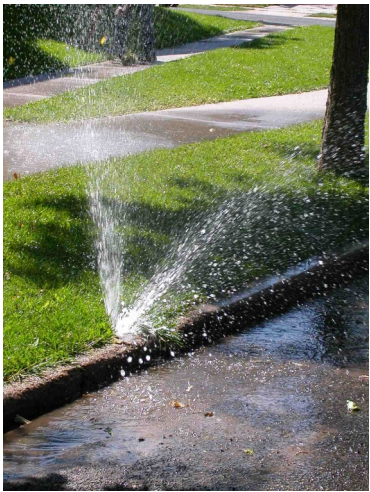
Irrigation systems that are not properly winterized, struck by sharp tools, breached by tree roots, or simple wear and tear can cause leaks in your irrigation system. While some leaks may be large, smaller leaks may be present. Keep an eye out for soggy ground around your system.

## Broken or Missing Heads

Damaged or missing heads should be replaced immediately. You should also consider installing heads on a swing pipe that will allow the head to float in the soil, reducing potential damage from heavy objects.

## Clogged Nozzles

When debris enters an irrigation system, it can clog the nozzles and cause incorrect spray patterns. Flushing the system at the beginning of the season can help clean out debris.



## Seal Leaks

Wiper seal decay can result in leaks around the spray heads.

## Sunken Heads

Settling occurs frequently with irrigation systems, causing the heads of the system to sink further into the ground. Utilizing taller sprinkler bodies or risers will lift the heads from their sunken positions.

# Efficiency Problems

## Misaligned Heads

When heads come misaligned, it can result in overwatering of parts of the lawn and brown spots in other parts. Alignment should be set to manufacturer's instructions.

## Overspray and Run-Off

Overspray results in poor distribution uniformity, overwatering, and runoff on hardscapes around the landscape. Adjusting system pressure, adjusting nozzles, or installing proper nozzles will help prevent this.

## High Pressure Problems

High pressure causes problems such as: misting, rapid rotation of impact rotors, and potential damage to the system. Installing or adjusting pressure regulators can help to prevent this.

## Low Pressure Problems

Low pressure causes problems such as: failure of heads to pop-up or rotate, poor coverage, dry spots. Reducing the number of heads on a zone can help to relieve this problem. If you have a pressure regulator, ensure it is properly working as well.

## Incorrect Spray Arc

If the spray patterns on heads and zones do not match, there may be a problem with the nozzle itself. Some nozzles experience regular wear and tear and will need to be regularly changed.

