



DLC RESOURCES[®]
THE LANDSCAPE MANAGEMENT EXPERTS

IRRIGATION SYSTEM ANALYSIS

WHY ANALYZE YOUR SYSTEM?

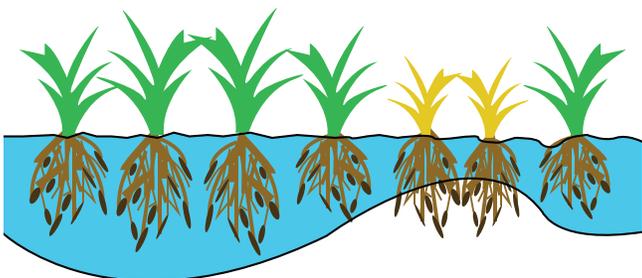
A functional and well-maintained irrigation system is crucial to the health and vitality of your Community's landscape, as well as keeping your water costs low. Over time however, leaks and breakdowns in the system require repairs and replacement of parts, such as sprinkler heads and nozzles. These short-term repairs are often erratic and performed by different technicians at different times, meaning that the system is rarely addressed as a whole. This often means mismatched sprinkler heads and nozzles, unplugged or blocked pipes and disconnected wires. The system is no longer working as it was originally designed and the negative effects are apparent in the landscape and the water bill. A landscape with a mismatched irrigation system will often have an "inconsistent" look, such as otherwise healthy green turf punctuated with dehydrated brown spots, as you can see in the photo to the right. This requires extra water to compensate for the underfed areas. Sprinkler water often does not hit its intended target, landing instead on nearby sidewalk or granite, leading to more unnecessary costs. As these problems compound, it becomes increasingly necessary to evaluate your irrigation system from a comprehensive, overall perspective and compare its current state to its original design. It also means looking at long-term solutions rather than quick fixes.



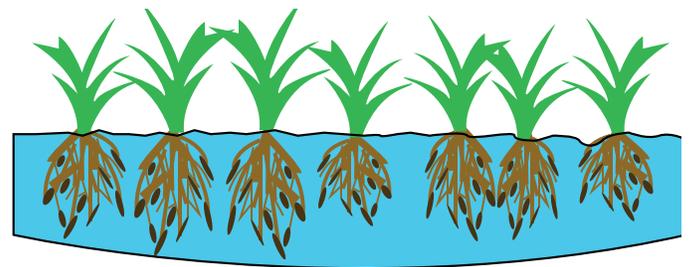
Dehydrated brown patches in turf and sprinkler puddles on sidewalk are signs of an irrigation system working inconsistently.

OUR PROCESS

DLC's Water Management team is full of experts well-versed in the intricacies of desert irrigation systems and identifying their problems. Observing the system as it runs, a DLC Water Conservation Specialist will analyze and assess a number of different factors, such as the performance of the system controllers, the electrical connection between the controllers and valves, the spacing and uprightiness of sprinkler heads and its overall efficiency level. These assessments are all taken into consideration with the system as a whole in mind. Once the full analysis is complete, our Water Department will provide an expert recommendation for a long-term solution in order to return the system to its initial design.



Before



After

The result of a functional irrigation system is the even application of water across all target areas.