



KnowWater is HighGrove's environment stewardship program and represents a ground-breaking evolution in how we think about the environment and water. Our mission with KnowWater is to find and implement aesthetic and cost-effective methods of maintaining and beautifying your landscape while doing so in a water-sensitive and environmentally-friendly manner. KnowWater offers a value-added suite of programs and services designed to make the most eco-friendly use of natural resources.

Irrigation Renovation

An efficient irrigation system reduces water consumption, provides significant property improvements, increases the health of a landscape and benefits the environment. Recent irrigation system technologies have dramatically improved the efficiency and effectiveness of traditional irrigation systems.

Through our KnowWater suite of water management programs and services, HighGrove Partners offers a multiple-step irrigation renovation program that allows you the flexibility to phase in modifications or completely renovate your system all at once. Whether it's adding a rain sensor or pressure regulator to implementing a new ET controller, you will have various options so that you can achieve your goals and meet your budget.

An investment in improving your irrigation system can easily pay for itself in water cost savings. Our program will help you determine the best course of action for your property with the goal of reducing your irrigation water usage by as much as 40% or more. We will also provide a cost analysis and expected return-on-investment (ROI) to help you make the best decision.

We have designed our program to provide all of these benefits very cost-effectively. The only question you'll likely ask yourself is, "*Why wouldn't I?*"

Our Irrigation Renovation Service includes:

1. **Irrigation Renovation Initial Estimate (IRIE)** - This is the first step in the program. Based upon knowledge of your irrigation system and industry assumptions regarding water usage and system performance, we will provide an initial estimate of system alterations that can be performed. We will produce a report that will recommend steps for the renovation and a cost range for each. It will also provide an initial level of water savings and return-on-investment (ROI) calculations.

2. **Water Conservation Survey** – After the “Initial Estimate”, we will perform a water conservation survey. The survey will be performed on your property. The current irrigation system will be inspected and a detailed inventory of current equipment will be recorded. Measurement of actual water usage on one or two zones will be collected and combined with other information to determine system efficiency. Finally, we will provide a customized plan for the renovation of your system. This plan will detail recommended equipment changes and detail the renovation costs. We will also provide an updated ROI calculation. Some additional service included with the survey are:
 - a. A letter you can provide to your tenants/homeowners that details what the Water Conservation Survey entails and the benefits it has for the property and the environment. This will help them to understand why the irrigation system will be operating periodically during the survey process.
 - b. Signage on the property during the survey to remind the tenants/homeowners that the survey is in progress.
 - c. Uniformed HighGrove personnel who will be identified as KnowWater Water Conservation Surveyors.
 - d. A summary report you can provide to your tenants/homeowners with the efficiency results and the expected water savings as a result of the renovations chosen. Financial information will be disclosed to your tenants/homeowners only at your instruction.

Renovations – Implementation of the entire plan can be completed at one time or you may decide when you need to complete the work in multiple phases. Our customized plans are flexible and can be realized in either fashion.

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