

Building a New Home?

Now Is the Time to Think About Graywater

What are your landscape plans for you new home? Most importantly, how do you plan to irrigate your landscape & protect it from water restrictions brought on by population growth and drought?

With standard water restrictions in most Southern and Western US locations, it's now a struggle to keep the landscape green. During severe water restrictions, it's a challenge to even keep your landscape alive.

IrriGRAY, uses your graywater from showers, laundry, tubs & AC condensate, and other available water such as rainwater, well water & more to automatically irrigate your landscape instead of going down the drain. **You must discuss Graywater with your builder before plumbing rough-in.**

IrriGRAY is designed to keep system & installation costs as low as possible, while making the most of every drop of graywater and other alternate water sources available on your property, using potable water as a last resort.

There is no other system on the market like IrriGRAY. With over 20 years experience in Graywater re-use in both the US and Australia, we know what it takes to have the landscape you want, protect it from water restrictions, and save substantial dollars every year.

Despite the huge functional advantage IrriGRAY has over other systems, IrriGRAY is only a fraction of their costs—our business model is based on volume and keeping prices reasonable through in-house product development and the use of Smart Technology.

As a modular system, IrriGRAY is favored by builders and contractors alike. Designed to suit regulations across the US, IrriGRAY is installed in CA, TX, AZ, NM, WA and more, as well as internationally.

Call us for a free no obligation and no pressure conversation about your landscape desires, and we can quickly provide detailed calculations and guidance based on the property location and the number of residents.

In addition to product development and manufacturing, we provide full installation, design and permit support to builders, contractors and DIY clients.

IrriGRAY: Effective Efficient Economical



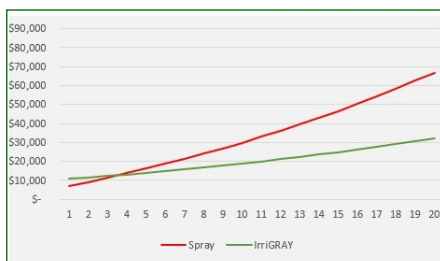
Mix of xeriscape native shrubs & grasses, with ornamental lawns.



Full lawns, focus on color in beds in keeping with neighborhood.



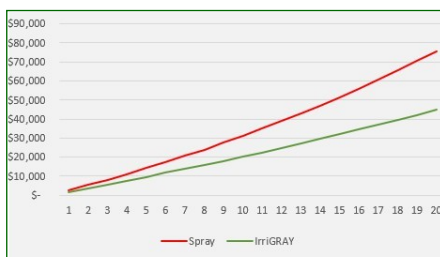
Meadow style lawn / xeriscape beds, provides cooling from Desert Sun.



The typical IrriGRAY client saves \$1,000 per year (or more) on water utilities. Fully costed installed systems usually pay back within 4 years.

When IrriGRAY is included in a new home mortgage, Significant savings start in month 1.

These figures do not include intangibles such as increase in property value or landscape investment protection.



IrriGRAY has the most features of any Graywater and Alternate Water Irrigation System on the market, at a fraction of other system costs.

No other Graywater management system includes monitoring, which is critically important because most system components are hidden from view, and all graywater irrigation occurs subsurface. Without monitoring the first indication of an issue would otherwise be stressed plants in the affected irrigation zone/s.

For a full list of features, go to; <https://www.waterrenu.com/features-benefits>



From small Residential to large Multi-Family / Commercial, IrriGRAY manages the entire irrigation need, from all types of available water.

Fully Automated Operation

The brain of the IrriGRAY system is a 7" tablet, constantly monitoring re-use of graywater, potable water and other sources of water throughout the day. The tablet stays inside the locked controller box.

Climate Smart with LIVE Agricultural Weather Data

Irrigation volumes are based on actual weather, plant, and zone requirements. Meter water is delivered precisely, based on highly efficient capillary irrigation principles.

Self Cleaning Filter

The controller constantly checks whether the filter needs cleaning, and manages the entire cleaning process. An additional manual filter is installed inside the pumping basin, however, this only needs emptying annually (during an annual inspection of the basin).

16 Irrigation Zones

For virtually all residential installations, IrriGRAY is suitable for up to 25,000 sq feet of sub surface dripperline irrigation. Larger drip irrigated zones are possible with an optional, larger pumping basin and pump.

Graywater, Rainwater, AC Condensate & Potable Water

The IrriGRAY controller manages all water sources efficiently. If only Graywater and Potable water are available, IrriGRAY automatically adds potable water at the end of the day if irrigation needs were not met by graywater alone.

Landscape Drip, Turf Drip & Turf Sprinkler (potable water) Irrigation

For large properties e.g. estate lots where under turf drip irrigation could be expensive, the controller manages potable water sprinkler irrigation using best practice efficiency methods.

Automatic Excess Graywater Disposal / Diversion

Properties having septic waste systems can significantly reduce septic maintenance service costs and extend leach / drain field life by automatically diverting excess graywater to alternative zones for either beneficial irrigation or disposal via buried dripperline.

Internet Access / Configuration for authorized accounts

Irrigation settings can be modified locally via the tablet and / or remotely (via Computer, Phone, Tablet) by account authorized individuals (Home Owner, Landscape Contractor, WaterReNu Support).

This means you, or your landscape contractor, or Water ReNu can modify your irrigation settings without the need for a costly onsite visit.

(Property WiFi service required)

Internet Statistics / Live View

With a WiFi connection, the IrriGRAY controller sends performance information to our Internet server each minute an activity is undertaken. This includes when the filter is cleaned, when graywater is irrigated and to which zone and when potable water is used as makeup water. Easy to view charts show statistics and minute by minute irrigation activities.

Proactive System Monitoring

Analyzing the minute by minute performance data, our server detects when abnormalities occur, such as a faulty irrigation valve, broken / cut distribution line, failed / low pressure potable water supply and power failure. Warning messages can be sent to the Home Owner and / or Landscape Contractor.

Off Internet Operation

IrriGRAY operates fully with or without Internet access, and does not require internet access for programming.

Simple Interface / Programming

IrriGRAY is very easy to program via internet or tablet, because there is no math involved, no minutes to estimate, and no confusing dials to turn or buttons to press.

Future Proof *

WaterReNu is able to update the controlling software remotely, and by individual tablet. This means you can always have the latest release controller version, or even choose to participate in beta test programs for future new functions. This is entirely managed by the IrriGRAY server (not Google play or Apple Store). A number of new functions are already in design / test in our R&D facility. * Upgrades and Internet reporting require an annual server subscription, free for the first 12 months and a \$96 annual fee thereafter.

Commercial Grade

All aspects of IrriGRAY are designed for residential AND Commercial applications.

Designed, Assembled & Supported in the US from local & international suppliers

With over 20 years experience with Graywater (Australia and the US) we know what is required to efficiently irrigate and grow a green landscape year round. The IrriGRAY system is designed from the ground up using components that have been tested for years. Our tablet interface hardware and software is designed in-house for the most effective management of graywater, rainwater, potable water and AC condensate. Over 80% of components, 100% of design, 100% of manufacturing and 100% of assembly by value are purchased / incurred in the US.