

... putting the *green* back into 'being green'

- **In what ways can Landtech play a part in enhancing the user experience and provide educational opportunities:**
 1. If the client is interested, we like to pursue the use of 'water-harvesting' for irrigation purposes. We rely on our partners: Wahaso (Water Harvesting Solutions) to work with us to strike a balance between irrigation-water demand & available water that can be captured for re-use. Sensibly sited storage systems and illustrative monitors can provide opportunities to help your client explain how they are doing their part to 'be green'.
 2. We prefer using an Et-based controller (based upon evapotranspiration). After the first-year (service is included), the renewal of a subscription fee to a weather network service enables real-time local weather & atmospheric data to be uploaded to the controller that will adjust runtimes daily so *just the right amount of water* is scheduled, when it is needed, on a zone-by-zone basis. Most major manufacturers have versions of these, and Landtech has considerable experience configuring irrigation systems in the proper manner to enhance the effectiveness of these weather-based products. Simple signage can explain (in lay-person's language) how the system works, and how it helps create a more efficient way of watering!
- **How can Landtech add to the sustainability of the project?:**
 1. Each member of Landtech's 4-person team is a Certified Irrigation Designer (through the Irrigation Association), and each is also an EPA WaterSense Partner. Landtech's default design approach begins with selecting from a 'pallet' of water-conservation & high-efficiency irrigation products including: drip-irrigation, point-source emitters (when appropriate), low-flow spray nozzles, pressure-regulation, and weather-based controllers. Additionally, Landtech's staff is composed of landscape architects, a horticulturalist, and a former irrigation contractor/owner.
- **Landtech's "out-of-the-box" experience:**
 1. Landtech was the irrigation consultant for a design team on the new American Embassy in Kabul, Afghanistan. Together, the team developed a strategy to utilize on-site treated wastewater as the source of water for the irrigation system. Strict health & environmental regulations were met, along with specialized products (filtration, pressure-regulation, non-clogging nozzles, etc.) that operated within a narrow 'water-window', to keep the grounds green and protect the compound personnel.
 2. Landtech is currently on a similar project (Homeland Security's NBAF facility in Kansas) where 8-acres of 'front-door' grounds will be irrigated with on-site treated wastewater. This project is scheduled to be a LEED Platinum candidate.
- **Quality-control at Landtech:**
 1. Jim Davis (Landtech's founder) serves as the quality-control manager for all irrigation design operations. Duties involve: project guidance, check-setting, pump-station coordinator, and specification writer/editor. Jim has been in that role since Landtech was established in 1994.