



## Sustainability in University Hills

2016-03-18

### What we've done

- Water
  - Reclaimed Water irrigation on 75% of University Hills (Phase 4 to present)
  - Water clarifiers for storm drains on all projects south of California Ave
  - New home irrigation systems have rain and solar thermal sensors. Irrigation is turned off automatically during rain events and modified based on anticipated evaporation rates for that day.
  - All grading operations use reclaimed water, a rarity in Orange County.
- Resources
  - Resurfacing streets every 7 years instead of every 5
  - Tree trimmings return to University Hills as mulch (both for common areas and for private yards)
  - Promote recycling through electronic waste and recycling days at the Community Center
  - Replacing pool furniture with new furniture made with recycled plastic
- Energy
  - Variable speed water pumps in pools to reduce power consumption during off-peak usage hours
  - LED street lights in new neighborhoods
  - Converting paseo light bollards to CFLs
- Walking/biking/transportation
  - 12' sidewalks in Area 10 neighborhoods connected to City and County walks
  - Bike lanes on collector streets
  - Zip Car at Community Center
- Certification for new construction
  - Green Point Rating system (90 points = L.E.E.D. Silver per UCOP)
    - Alturas Rental Townhomes = 90 points
    - Area 10-1 = 130 points
    - Area 10-2 = 125 points
    - Area 10-3 = 150 points

### What we are currently doing or planning

- Shifting common area planting material to low and medium water use material
- Converting Phase 1 -3 common area to reclaimed water irrigation (2016)

- Area 10 Park & Pool (2016)
  - Larger, 10Kw PV array
  - Reclaimed water for all irrigation
- Landscape material changes
  - San Diego Bent Grass (*Agrostis Pallens*) in parkways of Area 10-2, at Alturas Rental Townhomes, and at Parker Vista. This grass is a local native and uses 50% of the water that typical sod uses. Sandiego Bent Grass is a possible substitute for fescue grass. These locations are irrigated with reclaimed water.
  - Dymondia ground cover in front yards of Area 10-2. This ground cover is a low water user, can be walked on, and has a similar visual look to grass in that it is low growing, green, and uniform. Dymondia is another possible substitute for fescue grass.