

4/4/2014

Private Sector – Landscape CTR’s

- Lawrence O’Leary; 2014 President California Landscape Contractors Association, San Diego Chapter.
- This discussion asks; is a vibrant landscape in San Diego important and can *WE as a mutualistic organism achieve the desired outcomes while minimizing negative outputs?*

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Sustainability in Landscape

Synchronizing the Orbs

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Sustainability in Landscape

Understand Our Negative Impacts

Unintended or inadvertent behaviors abound

What falls and flows outside the Landscape is pollution

Positive actions can result in negative consequences

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The Weekly “War”

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Fixing Situations Fixes Issues

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Sacramento Leads

- “When God doesn’t provide the water, it is not here” explained the governor to farmers. Without offering details he expressed confidence by stating “if anybody can get it done, I can get it done and I am working day and night to achieve it”. Feb 2014

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Workers Work – Peak 2007 #'s

- Horticulture is a \$17 billion sales generator.
- 100,000 fulltime and 170,600 part time jobs.
- Landscapers, nursery operations, manufacturing, distribution, maintenance, homeowner purchases, etc.
- Plants will happily absorb more CO₂.

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Support

- Professional designers supported by ASLA
- Licensed Contractors back by CLCA
- Irrigation Industry by Irrigation Association
- All to promote *Water, Soil, and Energy Conservation via professional design and services.*

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Contributions – We'll take some credit

- Landscape known as largest water consumer in urban sector.
- Improvements? Yes! Drier gutters? Yes!
- Annual Per Capita use down over 6% over 5 years. UCSD is attempting to achieve 4%.
- How – EFFICIENCY in mechanical devices for new and retrofit situations.

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Don't forget EFFECTIVE

- My industry has developed control systems integrated with flow, daily weather, precipitation control by the minute.
- But have we left the operator behind? Yes.
- Assistance via Workforce programs needed to train true Water Managers (and improve their living situation).

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The smallest are the greatest

- Beyond components for recycled water or heavily chlorinated potable water is this fact for our region.
- Most urban water in San Diego goes for outdoors. 30% has been reduced in 6 years. And most of that water is pushed out of sprayheads.
- **We use less, we pump less, we CO₂ less, we run-off to the ocean less.**

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The Components

- Pop-up Sprayheads;
 - Nozzles improved from 50% efficient putting out 1.5" per hour to 80% efficient putting out 1" per hour.
 - Rotary Spray nozzles replace clunky large rotors and inefficient (and ineffective) spray nozzles
- The Light Bulb Story

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Funding for long-term water management to include Landscape because.....

- We work to keep SD looking right + property values in check.
- We are large consumers of water.
- There are wasteful situations that can be repaired and lower long-term water / pumping / CO² issues.
- More recycled – or at least available in the warmer months – means acceptable purple pipe water pricing. And the Waiver is continued !!!