REGENERATIVE LANDSCAPE ARCHITECTURE

Returning To Our Roots

Merrie Talley, PLA, LEED, ASLA
Regenerative Principals

The basic principles of a Regenerative landscape are:

• 1. It is soil building;
• 2. It is designed and managed Holistically
• 3. It re-establishes ecosystem processes;
• 4. It utilizes local inputs
The Big Ideas

- You really can have a super site without chemicals.
- Soil Biology can do more than you think it can!
- First Get Oxygen into the ground.
- The Critical need is to build carbon
- Diversity and use of native plants works in conjunction with native soils
- Care of the Environment and everything Alive is about energy and nutrition!
HC MUD 55
Before Construction
HC MUD 55
During Construction
HC MUD 55
During Construction
HC MUD 55
Concrete Infrastructure Complete
HC MUD 55
Present Day - 9 years after construction
Pearland Independence Park
Independence Park
During Construction
Independence Park
During Construction
Independence Park
During Construction
Independence Park
During Construction
Independence Park
After Construction and Present Day
Independence Park
Opening Day
Independence Park
After Construction and Present Day
Mandolin Gardens Park - North Basin
During Construction

Erosion Control:

No chemicals, No herbicides, No insecticides!
No Imported Soils or Compost Brought In
Mandolin Gardens Park
North Basin During Construction

Two Applications at this point:
1. SGTX Bio-Augmentation Mix TM at Rough Grade
2. SGTX Hydro-Seed Slurry Mix TM with Seeding
Mandolin Gardens Park

Construction Process

Existing Soil Used.
Compost only in the beds.
Mandolin Gardens Park
North Basin During Construction

Look at the roots!
Mandolin Gardens Park
North Basin After Construction
Mandolin Gardens Park
North Basin Present Day
Mandolin Gardens Park
North Basin During Flooding
Mandolin Gardens Park
South Basin During Construction
Mandolin Gardens Park
South Basin During Construction
Mandolin Gardens Park
South Basin Present Day
Mandolin Gardens Park
A Park for Everyone!
“Across Borders and beyond walls, from City Centers to the last wilderness, HUMANITY’S COMMON GROUND IS THE LANDSCAPE ITSELF. Food, water, oxygen – everything that sustains us comes from and returns to the …soil. What we do to our …soil, we ultimately do to ourselves…..”

From *The New Landscape Declaration– A Call to Action for the Twenty-First Century* © 2017
Landscape Architecture Foundation