

Santa Anita Sediment Placement Site Oak Woodland Habitat Restoration

Presented By
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Oak Woodland Revegetation Project



Santa Anita SPS History

- Established in 1952 to provide timely disposal of material from nearby debris basins.
- Upper portion of SPS was utilized immediately
- Santa Anita Debris Basin/Channel built in 1959-60
- Placement of sediment in Lower SPS was started in late 1960's – early 1970's

Recent Activities at Santa Anita

- Santa Anita Dam Riser Modification and Sediment Removal Project
 - Riser Modification and Sediment Removal
- Prepare 11 acres of Middle SPS
- CDFW SAA – 19.8 Acres of Mitigation Required
 - 6.9 Acres at Big T Mitigation Area
 - 4.9 Acres at site adjacent to Santa Anita SPS

Recent Activities (cont.)



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 - 8.0 Acres at Santa Anita Lower SPS

Goals of Lower SPS Mitigation

- Create 5.5 acres of Oak Woodland Habitat
- Create 2.5 acres of Coastal Sage Scrub Habitat
- Aesthetics
- Dust and Erosion Control

Lower SPS Site Map



Elements of Proposed Habitats

- Trees
- Shrubs
- Ground Cover, Grasses
- Woody Debris, Duff and Boulders
- Smart Irrigation System & Swale
- Adaptive Management

Who Created the Revegetation Plan Palletes?

- Species chosen from 2010 Survey of Middle SPS.
- Collaborative Effort
 - LA County Public Works
 - California Dept. of Fish and Wildlife
 - Bonterra Consulting

Bonterra Consulting

- Founded in 1996
- Habitat Restoration Ecological Services
 - 26 Projects Achieved Successful Habitat Establishment
 - Combined Area of Over 250 Acres
- Highly Qualified Staff

Seed Collection & Propagation

- Use of native species from Oak Woodland and Coastal Sage Scrub habitats from surrounding watersheds
 - Seed Collection
 - Seed Propagation



Planting Palette

- Trees:

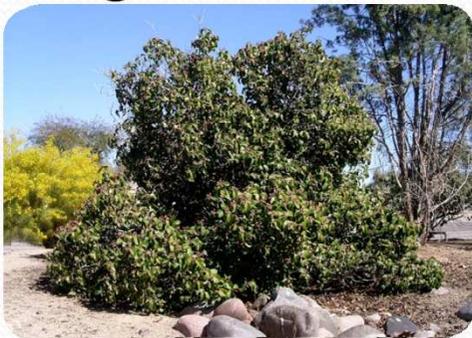


Coast Live Oak
(Oak Woodland Only)



Englemann Oak
(Oak Woodland Only)

- Large shrubs:



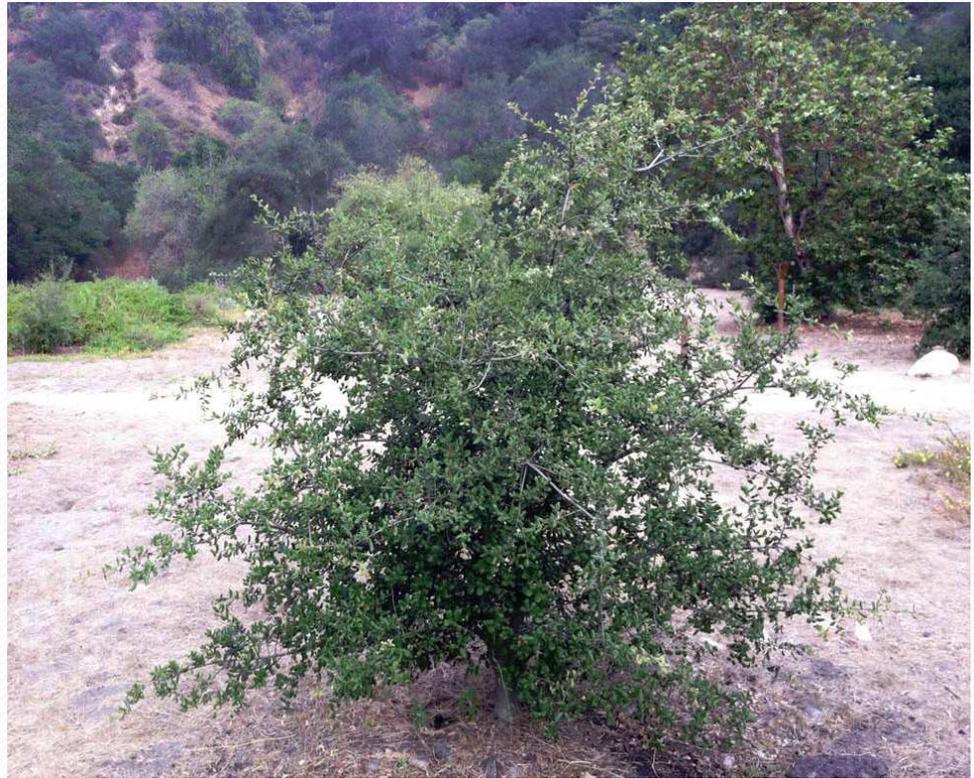
Sugar Bush
(Both Habitats)



Blue Elderberry
(Both Habitats)



Laurel Sumac
(Both Habitats)



Planting Palette (cont.)

- Medium Shrubs:



California Buckwheat
(Both Habitats)



California Sagebrush
(Both Habitats)



Caterpillar Phacelia
(Both Habitats)



Chaparral Yucca
(Both Habitats)



Deer Weed
(Both Habitats)



Heart-leaf Penstemon
(Both Habitats)



White Sage
(Both Habitats)



Black Sage
(Both Habitats)

Planting Palette (cont.)

- Medium Shrubs:



Toyon
(Oak Woodland Only)



Southern Honeysuckle
(Oak Woodland Only)



California Coffeeberry
(Oak Woodland Only)



Skunkbush
(Oak Woodland Only)



Golden Currant
(Oak Woodland Only)



Bush Monkeyflower
(Oak Woodland Only)

Planting Palette (cont.)

- Groundcovers and Grasses:



Narrow-leaved Milkweed
(Both Habitats)



California Everlasting
(Both Habitats)



Showy Penstemon
(Both Habitats)



Foothill Needlegrass
(Both Habitats)



Primrose
(Both Habitats)



Truncate Lupine
(Both Habitats)



Chia
(Both Habitats)



Giant Wild Rye
(Oak Woodland Only)



Small-flowered Melic Grass
(Oak Woodland Only)

Planting Palette (cont.)

- Ferns:



Coffee Fern
(Oak Woodland Only)



Bird's Foot Fern
(Oak Woodland Only)

- Cacti:



Vasey's Prickly Pear
(Coastal Sage Scrub Only)

View of Site from East – Years 1-2



View of Site from East – Years 3-5



View of Site from East – Years 7-10



View of Site from West – Years 1-2



VIEW 2 (@ INITIAL PLANTING)

View of Site from West – Years 3-5



VIEW 2 (@ 4 YEARS)

View of Site from West – Years 7-10



VIEW 2 (@ 7-10 YEARS)

When Will This Happen?

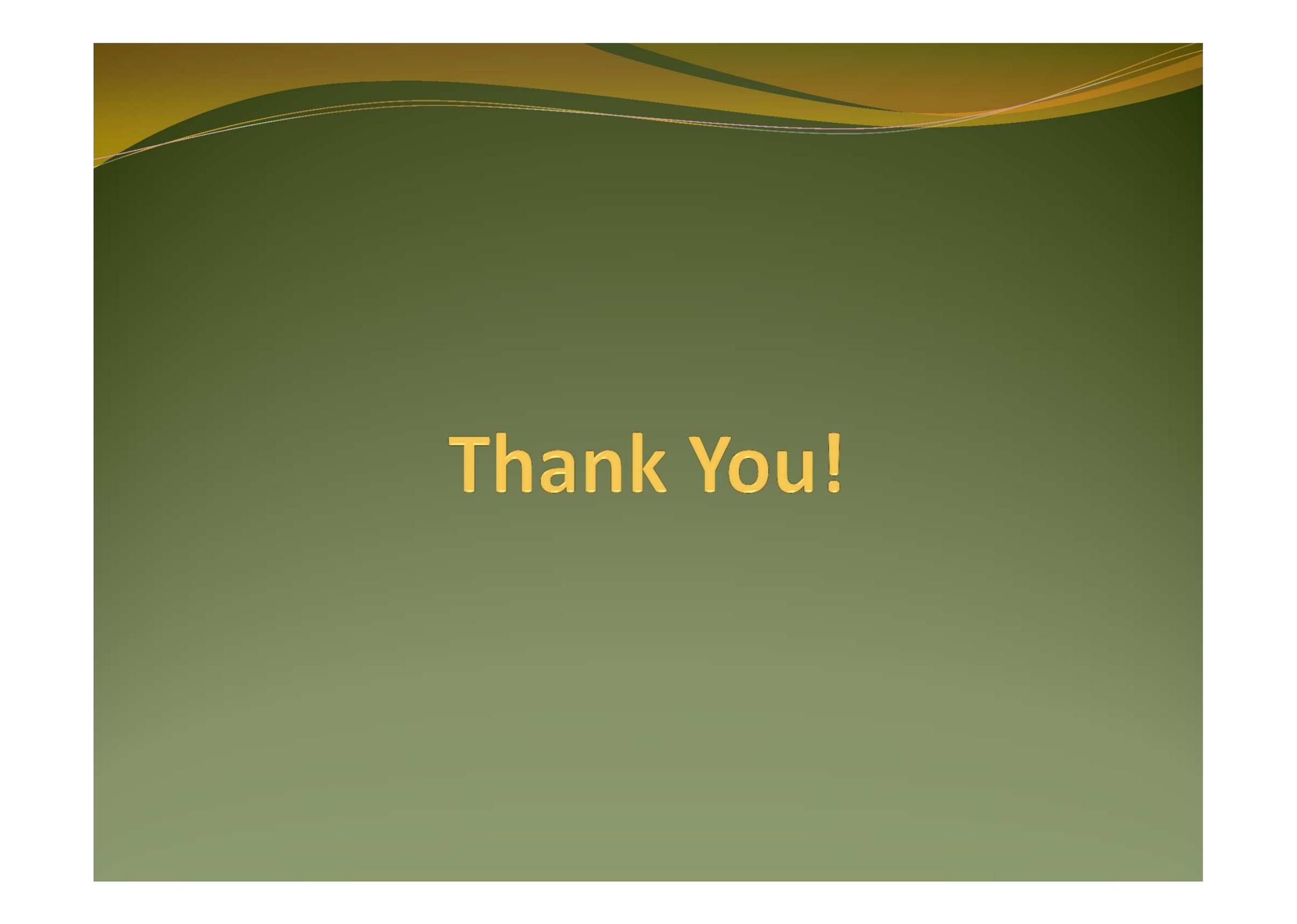
- Installation of Irrigation – Aug./Sept. 2013
- Engage Restoration Specialist – Summer 2013
- Boulder & Log Installation – Sept./Oct. 2013
- First Container Plants/Seeds – Oct./Dec. 2013
- Second Round of Plants/Seeds – Oct./Dec. 2014
- Maintenance & Monitoring – 2014 to 2021 or 2024

How You Can Help?

- Limit Planting of Non-Natives in Yards
- No Access to Site Through Maintenance Period
- Slope East of Site – Remove Invasives
- Spread the Word to Your Neighbors

Questions?

- Question and Answer session at the end of the presentation.
- Please submit comments and questions to Mr. Kenneth Rickard at:
krickard@dpw.lacounty.gov or (626) 458-6154
(Please put “Santa Anita SPS Landscaping” in your e-mail heading.)
- We will promptly respond to your questions. If follow up actions are needed, we will give a timeframe for completion.
- Presentation will be posted at:
www.dpw.lacounty.gov/wrd/Projects/SAHMP



Thank You!