Maintaining Mitigation Sites: The Then and Now of Creating Self Sustaining Habitat

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Delta Levees Program

Habitat mitigation sites established by Reclamation Districts with funding from DWR beginning in the mid 1990's.

Largely riparian forest and scrub-shrub habitats.

Designed to meet performance standards.

Habitat Maintenance was thought of as "if needed"

2011 Program Mitigation Site Evaluation

Two mitigation sites ("4 acre" and "8 acre") established in 1996 and 1999 on Twitchell Island. How was the "if needed" approach working?

Twitchell Island

Google earth

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(99)

Stockton

Manter

550 - 205 C o

Enifield

oConcord

an Ramon

Antioch





Himalayan Blackberry Control

Multi-Year Approach
1. Remove the Biomass
2. Repeated Herbicide Application
3. Replant Site

California Conservation Corps

Biomass Shredded on Site









8 acre site

4 acre site



Prepare for Planting in Fall 2015



- Johnson's Grass established within the sites
- Use mowing to control biomass and a combination of grazing and spraying to control





Create a site that facilitates habitat maintenance and is dominated by "native" plants

New Paradigm Coequal goals – Ecological Value and Cost Effective Habitat Maintenance

Thank You!

