

Control of Blue Gum Eucalyptus in Coastal California Workshop  
Coastal Training Program  
Elkhorn Slough National Estuarine Research Reserve

EDGEWOOD PARK  
&  
PRESERVE

San Mateo County Parks  
and Recreation Division

BLUE GUM EUCALYPTUS  
GROVE A&B PROJECT

PLANNING THE PROJECT

- Write up plan
  - Three year plan-different size group each year (8"less, 9" to 24", trees greater then 24")
  - Restoration of sensitive habitat
  - Grant funding- S.M. Co. Agriculture
  - Adjustment after first year
- Permits
  - Caltrans right-of-way access
  - Traget - Pest Control Recommendation

PLANNING THE PROJECT

- Meetings
  - Permit agencies (PG&E power lines, Caltrans, Pest prescription)
  - Environmental Concern groups
- Support Groups
  - San Mateo County Agriculture
  - Friend of Edgewood
  - California Native Plant Society
  - Sequoia Audubon Society

Grove A & B



- Before- tree cutting of Eucalyptus Trees in Grove A&B
- Grove A- very dense

CONTRACT BID

- Davey Tree for year 2002 and 2004
  - One day project, lowest bid, did not need to use Caltrans right-of-way permit
- West Coast Wildlands
  - Re-cut and treat stumps

Dave Tree Service



- September 2002 Davey Tree Service cutting and chipping trees. Did not treat stumps with herbicide.

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Stumps Not Treated



- Within a month the suckers started growing vigorously
- Immediately after cutting of trees, funding eliminated
- Park staff unable to keep up with cutting back growth

TREES TAKEN OUT

- September 2002- 8 inches and less approximately 188 trees, not counting small suckers
- September 2003-West Coast Wildlands re-cut stumps and treatment with Sucker-Stopper RTU-Grove A-320, B-149 (treated 469 stumps)

Sucker-Stopper (RTU)



- Suckers growing below the treated area
- Some of the suckers start to wither

- May 2004; Davey Tree Grove A- 20 trees 9 inches- stumps treated with 50 - 100% solution of Roundup Pro 524-475
- Sept 2004; Park Staff Grove B-24 trees 9 inches- stumps treated with 50 - 100% solution of Roundup Pro 524-475

Round-Up Pro



- Stumps treated- no sucker growth
- Solution on treated stumps may affect other tree by the root systems

Trees Left



- Grove A -4 trees less than 11 inches, 10 -11 to 12 inches, 10 larger than 12 but less than 4 feet
- Grove B- 3 trees less than 11 inches, 8- 11 to 12 inches, 1- 4 feet

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### NATIVE RESTORE PURPOSE

- Stuart Weiss Bay Checkerspot Butterfly study plots
- Serpentine grassland restore
- Re-introduce butterfly
- Exotic non-native weed/tree eradication

### Sensitive Habitat



- Dr. Stuart Weiss study plots.
- Vehicle entrance path



### MONITORING

- Eradicate;
  - new eucalyptus seedlings
  - suckers growth from stumps
  - non-native plants
- Record type of native plants germinating