

ISP 2003 Planning Meeting

Meeting Notes

February 28, 2003

Misc. Comments/Announcements, etc.

Needed contacts:

1. State Lands Commission
2. Dave Plummer – Clyde Morris will contact
3. City of San Leandro –
4. Roberts Landing - David Sams?
5. City of San Rafael- Pickleweed Park
6. Clinton Basin, Port of Oakland
7. San Francisco Sites – Candlestick Cove, Yosemite Channel, P98, P94, others??
8. City of Tiburon – Blackie's Pasture

New Possible Demo Sites:

1. City of Alameda, south Elsie Roemer
2. Restored Arrowhead Marsh

Possibly divide matrix up into categories:

1. Large invaded sites/large propagule/seed source
2. Restoration sites
3. Predominantly native marsh, small infestation
4. Outlier population
5. Demonstration site
6. ...

New Possible Criteria:

1. Access
2. Salt Marsh Harvest Mice presence/absence
3. Black rail presence/absence
4. Endangered plant presence
 - a. *Cordylanthus mollis*
 - b. *Pseuda californica*
5. Possibility to demonstrate success
6. ...

Matrix corrections:

1. Correct rail presence at EB Parks
2. Correct Norm Ploss contact information

Comments from Regional Managers:

Alameda County Public Works Department

Saul Ferdan - Alameda Flood Control District

Steve Jones

Elisa Gill - Environmental Services

- Have mainly been using chemical control
- There is too much to do alone - need regional approach
- Need assistance with planning
- ACPWD Have:
 - spray equipment
 - Access to infested properties
 - NPDES permit
 - Monitoring plan

- May need more equipment - Hydrotraxx??
- Alameda Mosquito Abatement District have:
 - Argo
 - Spray trucks
- Would like to use new chemicals - Imazapir?
- Have used helicopter for spraywork
- Would like to get into field earlier than the July 4th flowering time
- Cautioned that there is no need to do more than minimum for monitoring
- "Control" may be more appropriate than "Eradication" as an ISP goal, though it is still too early to concede this
- Would like some focus on field ID of clones
- Maybe able to provide site for Lars Anderson's research

Port of Oakland

Jody Zaitlin

- PO are large landowners
- Manage Clinton Basin - management plan contains requirements to keep out *Spartina*
- Have no budget for control
- Have no plans for control
- Assumes that the control work in the Clinton Basin is already contracted
- Emeryville property being leased to EBRPD. Only area in vicinity of the Rodio Tower will require permits for access

City of Palo Alto

Debra Bartens

- Have been monitoring for 3 years
- Have been working with herbicides for 3 years
- High School students have been doing monitoring in entire wetland
- HS students are good at pushing City of Palo Alto administration
- Extremely tenuous funding environment - all funding for wetland staff and maintenance may be removed from upcoming budget
- In dire need of funding
- All work in wetland is contracted
- Mostly native marshes
- 25% of Clapper Rail population found there
- Window of opportunity for control to avoid CR - September thru February 1st
- Has contracted Dave Najera, Aquatic Environments in the past to do *Spartina* control

California State Parks

Victoria Seidman

- Not too much *Spartina* on State Parks land
- GPSed some by boat
- Yosemite Canal - small patch when testing was done in 2000
- Difficulty in species ID
- Need more genetic testing
- Large restoration project in Yosemite Canal - next phase is design and permitting
- Would like *Spartina* controlled before rest of project implemented
- Infest flourishing in Candlestick Cove
- Funding is poor
- Have interns for work
- Have backpack sprayers
- Permitting is a difficulty

Wetland Research Associates

Phil Greer

- Doing work on many small projects

- Many sites without plans for *Spartina* control
- Cooley Landing - through section 7. 5% non-native in 5 years. 160 acres
- Spraying was done in 2001
- Mowed 2x in 2002
- Did sampling with Katy of *S. foliosa* & testing of seedlings
- Plan to spray <0.5 acres of clones
- Each year there is an exponential increase in seedling establishment
- Looking ahead to a 10 year goal
 - Need assistance developing strategy for dealing with increasing number of seedling. Should all *Spartina* be controlled at this site?
- With save the bay, have put together a community-based restoration program. Monitoring - may use volunteers to monitor *S. alterniflora*
- Mission Creek - without non-native *Spartina* spp. WRA doing restoration work there. May be *S. foliosa* collection site??
- Cooley Landing - no NPDES permit

LSA Assoc.

Steve Foreman and Tim Milliken

- Bear Island restoration site – Pacific Shores or Deep Water Slough
- -40 acres
- Roberts Landing restoration site – Citation Marsh
- Need assistance with genetic testing/monitoring
- NPDES

California Department of Fish & Game

John Kraus

- Eden landing 800+ acres - breaching this fall
- \$3000 (in materials?) - but no money this year
- Will need to contract work out for control on ground
- Will need financial assistance
- Need partners
- Need plan

City of San Leandro

Norm Ploss, Special Assistant - City of Fremont

- Several sites including Whales tail north, Alameda Creek Channel
- Only able to do cutting last year with contractor in fall at Eaton landing
- Did test plots and found all hybrids
- 90% of plants were cut
- Will return this year for follow up
- Lack permit
- Limited budget - \$15,000 this year - hope to use to leverage additional funds
- Contractor – Dave Najera, Aquatic Environments
- 3 year plan
- Need monitoring guidance

East Bay Regional Park District

Pete Alexander - Project Coordinator

Nancy Brownfield –IPM Specialist

*Mark Taylor "Mr. *Spartina*"*

- Eradicated *S. densiflora* at Point Pinole
- Have worked with ISP in Cogswell Marsh area
- 20 years ago the east side of the bay was similar to the west side now
- Need permitting help
- Could use additional equipment
- Currently have:
 - Hovercraft
 - Hydrotraxx

- Limited time period due to Clapper Rail and Salt Marsh Harvest Mouse
- Clapper Rail numbers have increased in hybrid swarms
- *S. alterniflora* beneficial in short term
- Only 12 days of control window in fall

- Addressed the frequency of monitoring and the difficulty in following some monitoring criteria
- Likes general format of ISP approach
- Would like to get more control before seed set.

- Ora Loma Marsh is a high priority
- Working also in Roberts Landing, Cogswell Marsh, Arrowhead

Santa Clara Valley Water District

Lisa Porcella

- Have a control program for SCV
- Requires enhancements for baylands in SCV
- 5 year program
- 1st 2 years - extensive monitoring of non-diked tidal areas
- 100 miles of shoreline - need help
- Found 30 clones in 2000
- Hoping to prevent spread
- Have agreed with program to control 10 acres (?)
- Need:
 - Genetic analysis/ID assistance
 - Surveying help
 - Coordination with other landowners
 - Eradication efforts
 - Permits
- Will have some funding by July - hopefully
- Permits oblige SCVWD to do work
- Report to FWS, DFG, and Army Corp for Stream Maintenance Program

USDA-ARS

Lars Anderson

- Need alternatives to glyphosate
- Trying to get imazapir in use (Arsenal)
- Also looking at fluridone (Sonar)
- Vinegar might also be an option - at rates similar to salad dressing (?)
- Noted that some irrigation districts banded together to obtain permits
- More testing needs to be done within Clapper Rail safety windows
- Would like advice on site selection, contacts, etc.
 - Needs some site for Spring control experiments (ie no CLRA)

CALTrans

Jim Hanson

- Working in Emeryville/Albany
- Small infestation Albany, East Shore State Park
- EBRPD and Port of Oakland partners
- Working currently on only a "holding action"
- Need NPDES
- Need monitoring, genetic sampling assistance
- Only mowing at this point
- Looking for easy control method for pioneer infestations

Don Edwards National Wildlife Refuge

Joy Albertson

Clyde Morris

- Monitoring program for requirements within NPDES
- 5,000 acres of marshland in southbay
- Very large space - looking for coordination
- La Riviere Marsh - most work done - Joy has seen hybrids moving in
- Still remains hopeful
- Possible seed source in sloughs
- Restoration of Bair Island - must control infest there before breaching
- "Ideal Marsh Area" -will probably stop work to narrow focus
- Budget - still no budget - Joy has "squirreled away" around \$10,000
- Will buy truck mounted sprayer with some of funds
- Would like to contract out largest amounts of spraying
- There are access issues
- Have some remediation money from spill - \$200,000 to be used in Central Bay area - could be used to contract work out - have \$50,000 this year
- Most ponds will be maintained as saline until actual restoration *Spartina* should be controllable until then
- Plan for 5 years until restoration

Point Reyes National Seashore

Kim Cooper - Invasive Plant Specialist

Jane Rodgers – Plant Ecologist (new to Park)

Controlled in Drakes Estero

5 controlled sites look good this year

Used tarps to good advantage

Could use more surveying experience

- Controlled in Drakes and Limantour Esteros
- 5 controlled sites look good this year
- Used tarps to good advantage
 - Americorp volunteer labor
 - Mark Taylor, EBRPD provided materials
- Could use more surveying assistance

Alameda County Department of Agriculture

Blaine Manchester

- Have been spraying for a number of years
- Have 4 rigs for spray work, along with 4 crews
- Stressed that timing is crucial

Aquatic Environments

Dave Najera

- Specialize in mechanical removal
- Interested/enthusiastic about work
- Worked with Norm Ploss at Whales Tail and Deb Bartens at Palo Alto Baylands

City of Alameda

Richard Paiva

- Needs help with all aspects of control work
- Unfunded
- Relatively small infestation – where his “control experiment” is taking place
 - About 300 ft x 20 ft infest in riprap
 - Elsie Roemer/Crown Beach is a meadow of *Spartina* invading the mudflats
- Clapper Rail present
- Lars Anderson maybe able to do some control research in this area
 - Does it matter to Lars if control has already taken place here in previous years?