

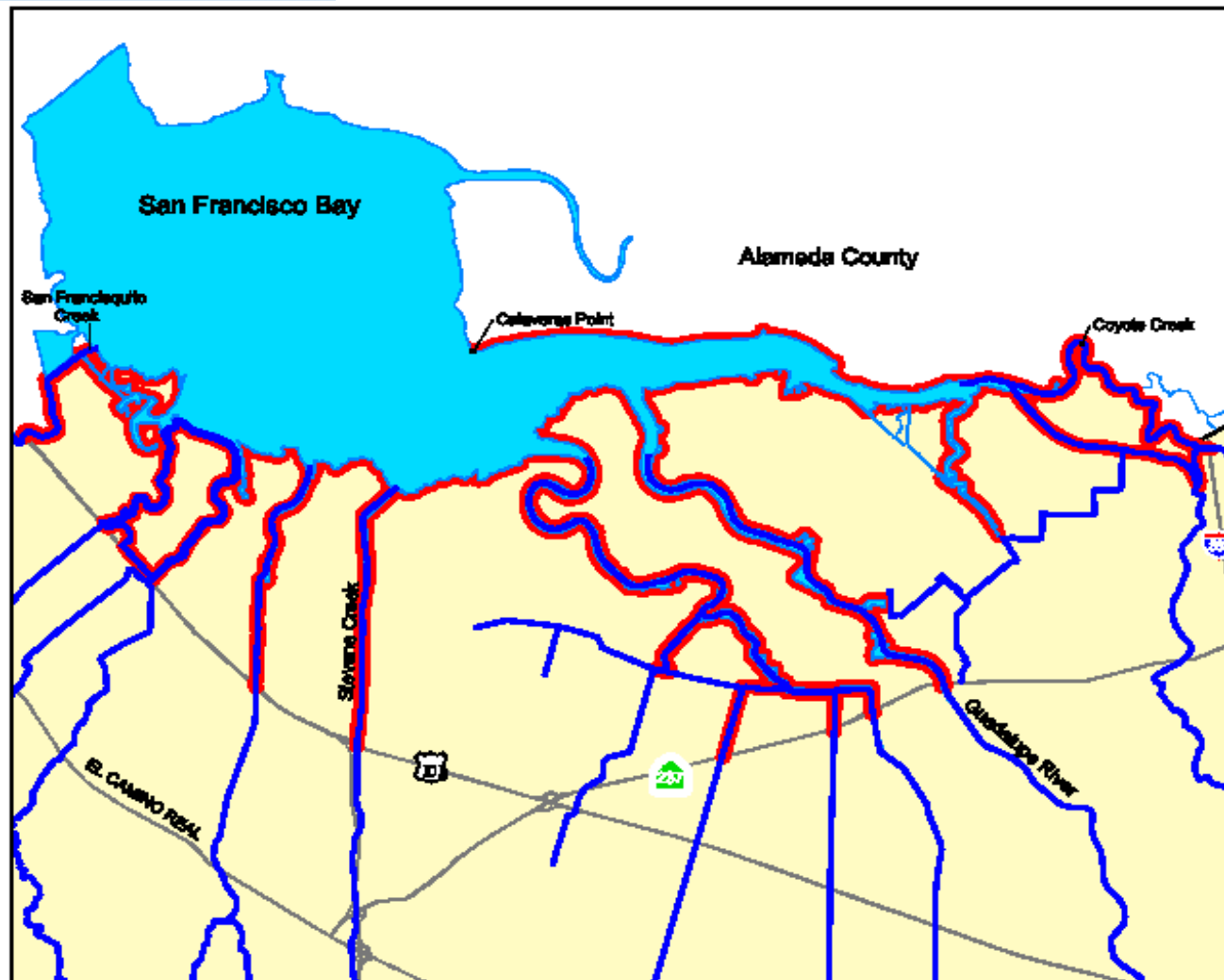
**Santa Clara Valley
Water District**



SCVWD Invasive Spartina Program

- Spartina control is a mitigation element and permit requirement of our Stream Maintenance Program.
- Goal: Control existing and limit future infestations of invasive cordgrass in the South Bay tidal marshes.
- Program elements (5 year program 2003-2007):
 - Conduct distribution monitoring
 - Control up to 10 acres of invasive cordgrass
 - Conduct re-treatment work, if necessary, for an additional 3 years
 - Support and coordinate with other regional monitoring and control efforts

SCVWD- Invasive Spartina Program Area



Invasive Spartina Occurrences in SCVWD Program Area

Survey Year	Acreage Mapped by District Efforts	Additional Acreage Mapped by ISP Efforts	Total Acreage in Program Area	Annual Percent Increase in Acreage
2000/01	-	1.0	1.0	-
2003	1.94	0.15	2.09	109%
2004	3.9	0.32	4.22	102%
2005	8.1	0.61	8.71	106%

SCVWD Control Strategies 2004

- Anticipated control of 2 acres - ended up treating 3.3 acres (backpack and truck mounted spray units)
- Tested various concentrations of glyphosate (Aquamaster), between 2 - 5% and used Agridex as the surfactant.
- 2004 control efforts deemed to be < 5% effective regardless of concentration used.
 - Culprits appeared to be lack of dry time and excess silt on foliage.



SCVWD Control Strategies 2005

- Anticipated control of < 3.3 acres – ended up treating 5.9 acres (backpack and truck mounted spray units)
- Tested various concentrations of Imazapyr (Habitat), between 1.25 - 3% and used Competitor as surfactant.
- Preliminary results look good so far ~ 85 % kill.



2005 SCVWD Control Results



Before



After

2005 SCVWD Control Results (Cont.)



2006 Season and Beyond

- Tackle the Calaveras Point Marsh - continue coordination with DENWR and ISP.
- Coordinate with the Cities of Mountain View and Palo Alto.
- Continue to do what we can to support the ISP's mission.....



Sometimes Rubber Boots
Just Aren't Enough!