

**Table 1. North Bay Wetland Restoration and Enhancement Projects Summary Information to Accompanying Map**

Project		Sponsors				Area (ac)	Year Compl.	County	Comments	SFBJV ID			CALFED ID	Primary Project Contact	Phone	Alternate Info Sources
No.	Name	1	2	3	4					2000	2001					
<b>(1) Restoration and Enhancement Projects</b>																
<b>PLANNED TIDAL</b>																
PT-1	American Canyon	City of American Canyon	CALFED			623		Napa	Partial natural breach 1998	N30	N22	99-B11; 98-F23		John Wankum, City	707-647-4366	CDFG, PWA
PT-2	Cullinan Ranch	USFWS	CALFED	DU		1,564		Solano, Napa		N25	N18	97-N18		Bryan Winton, Refuge	707-562-3000	
PT-3	Mare Island Navy Conservation Areas	US Navy				106		Solano	Four areas					Beth Flanagan, Navy	619-532-0788	USFWS Refuge
PT-4	Mare Island Navy Mitigation Marsh	US Navy				63		Solano		N27s						USFWS Refuge
PT-5	Mare Island Refuge - Tidal	USFWS				53		Solano	Dredge pond 1	N27				Bryan Winton, Refuge	707-562-3000	
PT-6	Napa River Flood Control - Tidal	Napa County Land Trust	Napa County	Corps	CALFED	722		Napa	Portions constructed 2001	N29	N25	98-B13; 98-F14		Napa County Flood Control	707-259-8600	USEPA
PT-7	Napa Salt Ponds - Tidal, Planned	CDFG	CSCC	Corps	SCWA	4,347		Napa	USGS, UCD, USFWS participated in Phase 1 planning	N26t	N21			Carl Wilcox, CDFG	707-944-5500	CSCC, SOE
PT-8	Novato Creek Antenna Field	Marin Audubon Society	Corps			134		Marin	Possible flood control conflict					Barbara Salzman, MAS	415-924-6057	
PT-9	Petaluma Marsh Expansion	Marin Audubon Society	CSCC	CALFED		172		Marin, Sonoma		N12	N7	98-F13		Barbara Salzman, MAS	415-924-6057	
PT-10	Skaggs Island Haire	SFO	Wildlands			1,083		Sonoma	SFO runway mitigation site					Craig Denisoff, Wildlands	916-331-8810	
PT-11	Skaggs Island Navy	USFWS	Caltrans			3,084		Sonoma	Includes Bay Bridge mitigation		N17			Bryan Winton, Refuge	707-562-3000	
PT-12	Triangle Marsh	Marin Audubon Society	CSCC	BCDC		16		Marin		N2				Barbara Salzman, MAS	415-924-6057	
PT-13	Tubbs Island Levee Setback	USFWS	NAWCA	DU		68		Sonoma	Levee breach planned Feb 2002	N20	N10			Bryan Winton, Refuge	707-562-3000	
<b>Area Subtotal, Planned Tidal:</b>						<b>12,035</b>										
<b>PLANNED NONTIDAL</b>																
PN-1	Camp Two Enhancement	CDFG	NAWCA	DU		511		Sonoma		N18	N15			Larry Wyckoff, CDFG	707-944-5500	DU
PN-2	Canalways (tentative)	Friends of Canalways	San Rafael	MAS		102		Marin	Need to acquire	N5				Barbara Salzman, MAS	415-924-6057	
PN-3	Figueras Tract	USFWS				73		Solano						Bryan Winton, Refuge	707-562-3000	
PN-4	Huichica Creek Enhancement	CDFG	NAWCA	DU		106		Sonoma	Completion expected 2002		N24			Larry Wyckoff, CDFG	707-944-5500	DU
PN-5	Mare Island Refuge - Nontidal	USFWS				117		Solano	Dredge ponds 3, 3E	N27				Bryan Winton, Refuge	707-562-3000	
PN-6	Napa River Flood Control - Nontidal	Napa County Land Trust	Napa County	Corps	CALFED	218		Napa		N29n	N25	98-B13; 98-F14		Napa County Flood Control	707-259-8600	USEPA
PN-7	Napa Salt Ponds - Nontidal, Planned	CDFG	CSCC	Corps	SCWA	720		Napa	USGS, UCD, USFWS participated in Phase 1 planning	N26n	N21			Carl Wilcox, CDFG	707-944-5500	CSCC, SOE
PN-8	North Parcel - Leonard Ranch	Sonoma Land Trust	CSCC	NRCS	NAWCA	331		Sonoma	Completion expected 2002	N16	N5			Wendy Eliot, SLT	707-526-6930	
PN-9	Ringstrom Bay Enhancement	CDFG	NAWCA	DU		207		Sonoma						Larry Wyckoff, CDFG	707-944-5500	DU
PN-10	Simmons Slough Wildlife Corridor	Marin Audubon Society	RWQCB	CDPR		186		Marin	Extending to additional properties	N15	N4			Barbara Salzman, MAS	415-924-6057	
PN-11	Wingo Unit Enhancement	CDFG	NAWCA	DU		187		Sonoma			N14			Larry Wyckoff, CDFG	707-944-5500	DU
<b>Area Subtotal, Planned Nontidal:</b>						<b>2,758</b>										
<b>PLANNED MIXED</b>																
PM-1	Bel Marin Keys Unit 5	CSCC	Corps	BCDC		1,564		Marin	Plan ~80% tidal, ~20% nontidal; dredged material reuse	N8	N2			Tom Gandesbery (CSCC), Steve Goldbeck (BCDC)	510-286-7028; 415-352-3600	
PM-2	Breuner's Mitigation Bank	Olberding				109		Contra Costa	Mitigation bank, excavates upland					Jeff Olberding	408-448-2322	
PM-3	Hamilton - State Lands Parcel	CSCC	Corps	BCDC		870		Marin	Plan ~80% tidal, ~20% nontidal; dredged material reuse	N8	N2			Tom Gandesbery (CSCC), Steve Goldbeck (BCDC)	510-286-7028; 415-352-3600	
PM-4	Madera Bay Park (tentative)	Marin Audubon Society				5		Marin	Need to acquire	N4				Barbara Salzman, MAS	415-924-6057	
PM-5	River Park	Greater Vallejo Rec. Dist.	CSCC	CDPR		39		Solano		N31	N20			City of Vallejo	707-648-4600	
PM-6	Schellville	South Sonoma County Resource Conservation District				387		Sonoma	Restoration, flood control	N17.1	N16			Paul Scheffer, SSCRC	707-794-1242	
<b>Area Subtotal, Planned Mixed:</b>						<b>2,974</b>										
<b>AREA TOTAL, PLANNED:</b>						<b>17,767</b>										

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No.	Name	1	2	3	4					2000	2001				
<b>COMPLETED TIDAL</b>															
CT-1	Color Spot	Color Spot Nursery				1	1996	Contra Costa	Unauthorized fill mitigation				Stuart Siegel, WWR	415-457-6746	
CT-2	Corte Madera Ecological Reserve Expansion	Marin Audubon Society		MCL		8	1990	Marin				Barbara Salzman, MAS	415-924-6057	PWA	
CT-3	Gallinas Creek	Marin Audubon Society		CSCC	USFWS	19	1997	Marin				MAS, CDFG, USFWS			
CT-4	Guadalupe Village	CalTrans				56	2001	Solano	Hwy 37 widening mitigation				Caltrans		
CT-5	Hoffman Marsh	CalTrans				6	1985	Contra Costa	Hwy 580 widening mitigation				WWR, PWA, Berger 1990 p.144 #11		
CT-6	Miller Creek	unknown				12	?	Marin	Unknown sponsor and date				?????		
CT-7	Muzzi Marsh - Tidal	GGBHTD				138	1976	Marin	Larkspur Ferry Terminal mitigation				GGBHTD Faber, Berger 1990 p.147 #18		
CT-8	Napa Salt Ponds - Tidal, Completed	CDFG				521	1995	Napa		N26c	N21		Carl Wilcox, CDFG	707-944-5500	
CT-9	North Bothin Marsh	Marin Audubon Society		Marin County Open Space District		1	?	Marin				Barbara Salzman, MAS	415-924-6057		
CT-10	Petaluma River Marsh	CDFG		Sonoma Land Trust		46	1994	Sonoma				Wendy Eliot, CDFG	707-526-6930	CDFG	
CT-11	Richmond Parkway	City of Richmond				3	1995	Contra Costa	Richmond Parkway mitigation				Steve Granholm, LSA	510-236-6810	City of Richmond
CT-12	Sonoma Baylands	CSCC		Corps	Port of Oakland	303	1996	Sonoma	Port of Oakland -42ft dredged material reuse			Eric Jolliffe, Corps	415-977-8543	Port of Oakland	
CT-13	Tolay Creek	USFWS	CDFG	CALFED	DU	306	1999	Sonoma	Dickson lagoon=1980 BMK 4 mitigation; improved by Tolay	N19	N12	97-N19	Bryan Winton, Refuge	707-562-3000	DU
CT-14	Vallejo Mitigation Sites - Tidal	City of Vallejo		South Vallejo Business Park	Marine World	81	~1988	Solano	Intermixed three mitigation projects				BCDC	415-352-3600	Berger 1990, p.145, #14, #15
<b>Area Subtotal, Completed Tidal:</b>						<b>1,501</b>									
<b>COMPLETED NONTIDAL</b>															
CN-1	East San Rafael Wetlands	Private	City of San Rafael MCOSD SFF			13	1986	Marin	Development mitigation; muted tidal				BCDC	415-352-3600	Berger 1990, p.141, #5
CN-2	Las Gallinas Ponds	Las Gallinas Valley Sanitary District				68	1985-1987	Marin	Managed wastewater, salt water				Al Petri, LGVSD	415-472-1734	
CN-3	Marin Flood Control - Seasonal	MCFCD				343	~1990	Marin	Flood storage				MCFCD	415-499-6549	Berger 1990, p.156, #35, NE
CN-4	Marin Flood Control/CDFG - Perennial	CDFG		MCFCD		309	~1990	Marin	Perennial wetland; storage				Carl Wilcox	707-944-5500	Berger 1990, p.156, #35, SW
CN-5	Marta's Marsh	City of Corte Madera?				21	~1997	Marin	Muted tidal						Avocet, Faber
CN-6	Muzzi Marsh - Nontidal	GGBHTD				10	1975	Marin	Rainfall/runoff; unmanaged dredged material placement				GGBHTD		Faber, PWA
CN-7	Napa Salt Ponds - Nontidal, Completed	CDFG				1,734	1998	Napa	Managed tidal flood/drain	N26c	N21		Carl Wilcox, CDFG	707-944-5500	
CN-8	Nordstrom/Shorebird Marsh	Village Shopping Center				48	1987	Marin	Mitigation; muted tidal						
CN-9	Novato Sanitary District	Novato Sanitary District				65	~1993	Marin	Treatment pond mitigation; unmanaged rainfall/runoff				Tom Selfridge	707-892-1694	
CN-10	Pacheco Pond	Ignacio Bus Park	CDFG	MCFCD		111	1970	Marin	Ignacio Industrial Park mitigation; managed rainfall/runoff				CDFG, MCFCD	707-944-5525; 415-499-6549	Berger 1990, p.154, #32
CN-11	Redwood High School Marsh	Marin Audubon Society		Conservancy	MCF SFEP	15	1990	Marin	Muted tidal				Barbara Salzman, MAS	415-924-6057	
CN-12	Rush Creek - Cemetery Marsh	Marin Audubon Society		Conservancy	MCL	272	1999	Marin	Muted tidal; flood storage	N13	N6		Barbara Salzman, MAS	415-924-6057	
CN-13	Scottsdale Marsh	City of Novato				46	2000	Marin	Rainfall/runoff; flood control	N14			Sandy Stohler, City	415-899-1405	USFWS (Morat)
CN-14	Vallejo Mitigation Sites - Nontidal	City of Vallejo		South Vallejo Business Park	Marine World	56	~1988	Solano	Intermixed three mitigation projects				BCDC	415-352-3600	Berger 1990, p.145, #14, #15
CN-15	Viansa Winery	Viansa		DU		94	1993	Sonoma	Managed rainfall/runoff+periodic tidal flood/drain				Viansa	800-995-4740	
CN-16	West End Duck Club	CDFG				355	1994	Napa, Solano	Managed tidal flood/drain				Larry Wyckoff, CDFG	707-944-5500	
<b>Area Subtotal, Completed Nontidal:</b>						<b>3,560</b>									
<b>AREA TOTAL, COMPLETED:</b>						<b>5,061</b>									
<b>AREA TOTAL, PLANNED AND COMPLETED PROJECTS:</b>						<b>22,828</b>									
<b>(2) Other Baylands within the Historic Bay Margins</b>															
<b>NATURALLY RESTORED AREAS</b>															
NR-1	Bahia Lagoon - Tidal	Bahia Homeowners Assoc				30	1980s	Marin	No dredging; may dredge again						
NR-2	Edgerley Island Marina	Edgerley Island Marina				9	1970s	Napa	No dredging						
NR-3	Green Point/Toy Marsh	CDFG				57	1986	Marin	Levee failure				Carl Wilcox, CDFG	707-944-5500	
NR-4	Nevada Parcel					109	?	Contra Costa					Michelle Orr, PWA	415-262-2300	
NR-5	Port Sonoma Marina Perimeter	Port Sonoma				9		Sonoma	Basin perimeter sedimentation				Port Sonoma Marina	707-778-8055	
NR-6	Slaughterhouse Point					276	1983	Solano	Slow evolution				Michelle Orr, PWA	415-262-2300	
NR-7	White Slough	CDFG				94	1978	Solano	Levee failure				Larry Wyckoff, CDFG	707-944-5500	
<b>Area Subtotal, Naturally Restored Areas:</b>						<b>584</b>									

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No.	Name	1	2	3	4					2000	2001				
<b>EXISTING NONTIDAL WETLANDS</b>															
ENW-1	Burdell Unit	CDFG				678	managed	Marin					Larry Wyckoff, CDFG	707-944-5500	
ENW-2	Camp Two	CDFG				83	managed	Napa					Larry Wyckoff, CDFG	707-944-5500	
ENW-3	Detjen Duck Club	Detjen (private)				419	managed	Napa, Solano	Private duck club				Detjen		CDFG
ENW-5	Huichica Creek	CDFG				658	managed	Napa					Larry Wyckoff, CDFG	707-944-5500	
ENW-6	Little Island Farm	CDFG Conservancy				217	managed	Napa	Negotiating purchase				Larry Wyckoff, CDFG	707-944-5500	
ENW-7	Lower Tubbs Island	USFWS				288	managed	Sonoma					Bryan Winton, Refuge	707-562-3000	
ENW-8	Mare Island Refuge - Managed	USFWS				115	managed	Solano		N27			Bryan Winton, Refuge	707-562-3000	
ENW-9	Upper Tolay Creek	CDFG				184	managed	Sonoma					Larry Wyckoff, CDFG	707-944-5500	
ENW-10	Farragut Village	City of Vallejo				25	unmanaged	Solano							USFWS
ENW-11	McGinnis Park Marsh	Marin Parks				175	unmanaged	Marin	Possible future enhancement				Steve Peterly, County	415-499-6394	
ENW-12	Miscellaneous Marshes					464	unmanaged		Multiple parcels around North Bay						
<b>Area Subtotal, Existing Nontidal Wetlands:</b>						<b>3,306</b>									
<b>EXISTING TIDAL MARSH</b>						<b>14,843</b>									
<b>EXISTING NONTIDAL LAGOONS</b>						<b>660</b>									
<b>DIKED BAYLANDS, UNPROTECTED</b>						<b>23,455</b>									
<b>AREA TOTAL, OTHER BAYLANDS:</b>						<b>42,848</b>									
<b>(3) Total North Bay Baylands</b>															
Restoration and Enhancement Projects						22,828									
Other Baylands						42,848									
<b>AREA TOTAL, NORTH BAY BAYLANDS:</b>						<b>65,676</b>									
<b>(4) SFO Runway Expansion Mitigation Sites North Bay Study Area</b>															
Study Area within North Bay Baylands						<b>18,587</b>									

**Key to Acronyms:**

BCDC	Bay Conservation and Development Commission
CDFG	California Department of Fish and Game (mainly Region 3, Yountville)
CDPR	California Department of Parks
Corps	U.S. Army Corps of Engineers (San Francisco District)
CSCC	California State Coastal Conservancy
DU	Ducks Unlimited
GGBHTD	Golden Gate Bridge, Highway and Transit District
LSA	Larry Siemens & Associates
MAS	Marin Audubon Society
MCF	Marin Community Foundation
MCFCD	Marin County Flood Control District
MCL	Marin Conservation League
MCOSD	Marin County Open Space District
NAWCA	North American Waterfowl Conservation Act
NRCS	Natural Resource Conservation Service
RWQCB	Regional Water Quality Control Board (Region 2, San Francisco Bay)
SCWA	Sonoma County Water Agency
SFEP	San Francisco Estuary Project
SFF	San Francisco Foundation
SFO	San Francisco International Airport
UCD	University of California at Davis
USFWS	U.S. Fish and Wildlife Service (mainly San Pablo Bay Refuge)
WWR	Wetlands and Water Resources

**Key to Table Fields:**

Project number = sequential assignment by category, projects listed alphabetically  
 Project name = primary name by which project commonly known  
 Sponsor 1 = property owner  
 Sponsors 2-4 = fiscal contributors/organizers  
 Area = site area calculated via Geographic Information System software  
 Status = planned, completed, existing, naturally restored  
 Hydrologic classification = project type based on hydrology (tidal/all other)  
 County = county in which site located  
 Comments = descriptive information  
 SFBJV 2000/2001 = ID number assigned by San Francisco Bay Joint Venture in its 2000 and 2001 databases  
 CALFED ID = project number assigned by CALFED for its funded projects  
 Primary contact = sponsor 1 or other most knowledgeable individual  
 Phone = phone number for primary contact

**Notes from Preparers:**

1. We have attempted to provide accurate information for all projects; please forgive our errors and contact us ([www.swamphing.org](http://www.swamphing.org)) so we may fix them.
2. We have attempted to identify all projects; please forgive our missing a project and contact us so we may add them for future updates.

**Book Reference:**

Berger, J.J., ed. 1990. Ecological Restoration in the San Francisco Bay Area -- A Descriptive Directory and Sourcebook. Restoring the Earth, Berkeley, CA. 213pp.