

2023 Invasive Spartina Project Treatment Schedule

Updated: 8/2/23

Where: [Site Locations \(map\)](#)

How: [Treatment Methods](#)

Herbicide Use: [Environmental Review of Imazapyr](#)

Treatment Location				Treatment Dates*	Complete for 2023?	Treatment Method						
Site #	Site Name	Sub-Area Number	Sub-Area Name	*(COI=Dug during course of inventory)		Imazapyr Herbicide					Manual	
						Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast	Digging, Mowing, and/or Covering	
1	Alameda Flood Control Channel	01a	Channel Mouth				X					
		01b	Lower Channel (not including mouth)				X					
		01c	Upper Channel	2 years with no invasive Spartina (2021-2022)								
		01d	Upper Channel - Union City Blvd to I-880	6 years with no invasive Spartina (2017-2022)								
		01e	Strip Marsh No. of Channel Mouth	No Invasive Spartina 2022								
		01f	Pond 3-AFCC	3 years with no invasive Spartina (2020-2022)								
2	Bair/Greco Islands	02a.1a	Belmont Slough Mouth				X		X			
		02a.1b	Belmont Slough Mouth South				X		X			
		02a.2	Upper Belmont Slough and Redwood Shores				X		X			
		02a.3	Bird Island				X					
		02a.4	Redwood Shores Mitigation Bank				X					
		02b.1	Corkscrew Slough				X		X			
		02b.2	Steinberger Slough South, Redwood Creek Northwest	7/27			X		X			
		02c.1a	B2 North Quadrant West				X		X			
		02c.1b	B2 North Quadrant East	8/7; 8/24-8/25			X		X			
		02c.2	B2 North Quadrant South	8/21-8/23			X		X			
		02d.1a	B2 South Quadrant West				X		X			
		02d.1b	B2 South Quadrant East				X		X			
		02d.2	B2 South Quadrant (2)				X		X			
		02d.3	B2 South Quadrant (3)				X					
		02e	Westpoint Slough NW				X		X			
02f	Greco Island North				X		X					
02g	Westpoint Slough SW and East				X		X					

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		02h	Greco Island South			X		X		
		02i	Ravenswood Slough			X				
		02j.1	Ravenswood Open Space Preserve (north Hwy 84)			X				
		02j.2	Ravenswood Open Space Preserve (south Hwy 84)			X				
		02k	Redwood Creek and Deepwater Slough			X		X		
		02l	Inner Bair Island Restoration			X				
		02m	Pond B3 - Middle Bair Island Restoration	7/28; 8/9					X	
		02n	SF2	5 years with no Invasive Spartina (2018-2022)						
		02o	Central Bair	7/26-7/27; 8/9					X	
3	Blackie's Pasture	03a	Blackie's Creek (above bridge)	4 years with no Invasive Spartina (2019-2022)						
		03b	Blackie's Creek Mouth	6 years with no Invasive Spartina (2017-2022)						
4	Corte Madera Creek Complex	04a	Corte Madera Ecological Reserve (CMER)			X				X
		04b	College of Marin Ecology Study Area	No Invasive Spartina 2022						
		04c	Piper Park East							X
		04d	Piper Park West	No Invasive Spartina 2022						
		04e	Larkspur Ferry Landing Area			X				
		04f	Riviera Circle	6/13 (COI)		X				X
		04g	Creekside Park	6/5 (COI)		X				X
		04h	Upper Corte Madera Creek (Above Bon Air Road)	6/6 (COI)		X				X
		04i	Lower Corte Madera Creek (between Bon Air Rd & HWY 101)	6/6 (COI)		X				X
		04j.1	Corte Madera Creek Mouth - North Bank			X				X
		04j.2	Corte Madera Creek Mouth - South Bank			X				X
		04k	Boardwalk No. 1 (Arkites)	No Invasive Spartina 2022						
		04l	Murphy Creek	2 years with no Invasive Spartina (2021-2022)						
		05a.1	Mowry Marsh & Slough			X		X		
		05a.2	Calaveras Marsh	8/8		X	X	X		

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast	Digging, Mowing, and/or Covering
5	Coyote Creek/Mowry Complex	05b	Dumbarton/Audubon				X		X	
		05c.1	Newark Slough West				X		X	
		05c.2	Newark Slough East				X		X	
		05d	LaRiviere Marsh				X			
		05e	Mayhew's Landing				X			
		05f	Coyote Creek- Alameda County				X		X	
		05g	Cargill Pond (W Hotel)				X			
		05h	Plummer Creek Mitigation				X			
		05i	Island Ponds							X
6	Emeryville Crescent	06a	Emeryville Crescent East				X			
		06b	Emeryville Crescent West				X			
7	Oro Loma Marsh	07a	Oro Loma Marsh-East	7/27-7/28			X		X	
		07b	Oro Loma Marsh-West	7/24; 7/27-7/28			X		X	
8	Palo Alto Baylands	8	Palo Alto Baylands			X	X		X	
9	Tiscornia Marsh	9	Tiscornia Marsh				X			
10	Point Pinole Marshes	10a	Whittell Marsh				X			
		10b	Southern Marsh	2 years with no Invasive Spartina (2021-2022)						
		10c	Giant Marsh				X			
		10d	Breuner Marsh				X			
11	Southampton Marsh	11	Southampton Marsh				X			
12	Southeast San Francisco	12a	Pier 94	7 years with no invasive Spartina (2016-2022)						
		12b	Pier 98/Heron's Head	5 years with no Invasive Spartina (2018-2022)						
		12c	India Basin	9 years with no invasive Spartina (2014-2022)						
		12d	Hunters Point Naval Reserve	6 years with no Invasive Spartina (2017-2022)						
		12e	Yosemite Channel				X			

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast	Digging, Mowing, and/or Covering	
		12f	Candlestick Cove	8 years with no invasive Spartina (2015-2022)							
		12g	Crissy Field	9 years with no invasive Spartina (2014-2022)							
		12h	Yerba Buena Island	9 years with no invasive Spartina (2014-2022)							
		12i	Mission Creek	9 years with no invasive Spartina (2014-2022)							
13	Whale's Tail Complex	13a	Old Alameda Creek North Bank	2 years with no invasive Spartina (2021-2022)							
		13b	Old Alameda Creek Island			X					
		13c	Old Alameda Creek South Bank			X					
		13d	Whale's Tail North Fluke			X					
		13e	Whale's Tail South Fluke			X					
		13f	Cargill Mitigation Marsh			X					
		13g	Upstream of 20 Tide Gates	2 years with no invasive Spartina (2021-2022)							
		13h	Eden Landing-North Creek			X					
		13i	Eden Landing-Pond 10			X					
		13j	Eden Landing-Mt Eden Creek			X					
		13k	Eden Landing Reserve South-North Creek Marsh			X					
		13l	Eden Landing Reserve North- Mt Eden Creek Marsh			X					
		13m	Eden Landing - Pond E8A, E9, and E8X	8/10		X			X		
15	South Bay Marshes	15a.1	Charleston Slough to Mountain View Slough			X					
		15a.2	Stevens Ck to Guadalupe Sl			X					
		15a.3	Guadalupe Slough			X		X			
		15a.4	Alviso Slough			X		X			
		15a.5	Coyote Creek to Artesian Slough			X		X			
		15a.6	Knapp Tract (Pond A6)					X			
		15b	Faber/Laumeister Marsh			X					
		15c	Shoreline Regional Park			X					
		15d	Sunnyvale Baylands	No invasive Spartina 2022							

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						Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast	Digging, Mowing, and/or Covering
16	Cooley Landing Salt Pond Restoration	16.1	Cooley Landing Central			X	X		X		
		16.2	Cooley Landing East			X	X		X		
17	Alameda/ San Leandro Bay Complex	17a	Alameda Island South (Elsie Roemer Bird Sanctuary, Crown Memorial State Beach, Crab Cove)				X				
		17b	Bay Farm Island	6/22			X				
		17c.1	Arrowhead Marsh West	8/14-8/15				X		X	
		17c.2	Arrowhead Marsh East			WILL NOT BE TREATED IN 2023					
		17d.1	MLK Regional Shoreline - Fan Marsh Shoreline	7/26						X	
		17d.2	Airport Channel - MLK Shoreline	7/26				X			
		17d.3	East Creek -MLK Shoreline	7/26				X			
		17d.4	MLK Regional Shoreline-Damon Marsh	7/24	Yes				X	X	
		17d.5	Damon Sl/Elmhurst Cr - MLK Shoreline	7/26				X			
		17e.1	San Leandro Creek North	7/26				X			
		17e.2	San Leandro Creek South	7/26				X			
		17f	Oakland Inner Harbor	6/28; 7/24				X			
		17g	Coast Guard Island	6/28				X			
		17h	MLK New Marsh			WILL NOT BE TREATED IN 2023					
		17i	Coliseum Channels	6/29				X			
		17j.1	Fan Marsh Wings	6/22	Yes			X			
		17j.2	Fan Marsh Main	8/17-8/18			X	X			
		17k	Airport Channel	7/26				X		X	
17l	Doolittle Pond	6/22	Yes			X					
17m	Alameda Island East: Aeolian Yacht Club & Eastern Shoreline	7/25	Yes			X					
17n	Doolittle Trail Mitigation					X					
		18a	Colma Creek	5 years with no invasive Spartina (2018-2022)							
		18b	Navigable Slough	6 years with no invasive Spartina (2017-2022)							
		18c	Old Shipyard	4 years with no invasive Spartina (2019-2022)							

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast	Digging, Mowing, and/or Covering	
18	Colma Creek/ San Bruno Marsh Complex	18d	Inner Harbor	9 years with no invasive Spartina (2014-2022)							
		18e	Sam Trans Peninsula			X					
		18f	Confluence Marsh	6 years with no invasive Spartina (2017-2022)							
		18g	San Bruno Marsh	4 years with no invasive Spartina (2019-2022)							
		18h	San Bruno Creek	2 years with no invasive Spartina (2021-2022)							
19	West San Francisco Bay	19a	Brisbane Lagoon	2 years with no invasive Spartina (2021-2022)							
		19b	Sierra Point	8 years with no invasive Spartina (2015-2022)							
		19c	Oyster Cove	8 years with no invasive Spartina (2015-2022)							
		19d	Oyster Point Marina	8 years with no invasive Spartina (2015-2022)							
		19e	Oyster Point Park			X					
		19f	Point San Bruno	2 years with no invasive Spartina (2021-2022)							
		19g	Seaplane Harbor	5 years with no invasive Spartina (2018-2022)							
		19h	SFO			X		X			
		19i	Mills Creek Mouth	2 years with no invasive Spartina (2021-2022)							
		19j	Easton Creek Mouth			X		X			
		19k	Sanchez Marsh			X				X	
		19l	Burlingame Lagoon			X				X	
		19m	Fisherman's Park	11 years with no invasive Spartina (2012-2022)							
		19n	Coyote Point Marina / Marsh	2 years with no invasive Spartina (2021-2022)							
		19o	San Mateo Creek / Ryder Park			X					
19p.1	Seal Slough Mouth - Central Marsh			X							
19p.2	Seal Slough Mouth - Peripheral Marshes			X							

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		19q	Foster City			X					
		19r	Anza Lagoon	7 years with no invasive Spartina (2016-2022)							
		19s	Maple Street Channel	4 years with no invasive Spartina (2019-2022)							
20	San Leandro / Hayward Shoreline	20a	Oyster Bay Regional Shoreline	7/24		X					
		20b	Oakland Metropolitan Golf Links	No invasive Spartina 2022							
		20c	Dog Bone Marsh			X					
		20d.1	Citation Marsh South			X	X				
		20d.2a	Citation Marsh Upper	9/18-9/19		X	X				
		20d.2b	Citation Marsh Central	8/16-8/18; 8/31-9/1		X	X				
		20e	East Marsh				X				
		20f	North Marsh			WILL NOT BE TREATED IN 2023					
		20g	Bunker Marsh			X	X	X			
		20h.1	San Lorenzo Creek & Mouth North				X				
		20h.2	San Lorenzo Creek & Mouth South	6/12-6/13			X				
		20i	Bockmann Channel	7/24			X				
		20j	Sulphur Creek	7/27			X				
		20k	Hayward Landing	7/24			X				
		20l	Johnson's Landing	7/24			X				
		20m	Cogswell Marsh, Quadrant A				X				
		20n.1	Cogswell Marsh, Quadrant B Bayfront				X	X			
		20n.2	Cogswell Marsh, Quadrant B South						X		
		20n.3	Cogswell Marsh, Quadrant B Main	8/21-8/24			X	X			
		20o	Cogswell Marsh, Quadrant C				X	X	X		
20p	Hayward Shoreline Outliers	7/24				X					
20q	San Leandro Shoreline Outliers	6/12				X					
20r	Oakland Airport Shoreline and Channels					X					

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		20s	H.A.R.D. Marsh				X					
		20t	San Leandro Marina	7/25			X					
		20u	Estudillo Creek Channel	6/26; 7/25			X	X				
		20v	Hayward Landing Canal	7/24				X				
		20w	Triangle Marsh	7/24				X				
21	Ideal Marsh	21a	Ideal Marsh North				X					
		21b	Ideal Marsh South				X					
22	Two Points Complex	22a	Wildcat Marsh				X		X			
		22b.1	San Pablo Marsh East				X		X			
		22b.2	San Pablo Marsh West				X		X			
		22c	Rheem Creek				X					
		22d	Stege Marsh				X					
		22e	Hoffman Marsh	No invasive Spartina 2022								
		22f	Richmond/ Albany /Pinole Shoreline					X				
23	Marin Outliers	23a	Brickyard Cove	No invasive Spartina 2022								
		23b	Beach Drive				X					
		23c	Loch Lomond Marina				X					
		23d.1	San Rafael Canal Mouth East				X					
		23d.2	San Rafael Canal Mouth West				X					
		23e	Muzzi & Marta's Marsh	6/15 (COI)				X				X
		23f	Paradise Cay					X				X
		23g	Greenwood Cove	No invasive Spartina 2022								
		23h	Strawberry Point									X
		23i	Strawberry Cove					X				
		23j	Bothin Marsh					X				
		23k	Sausalito	8 years with no invasive Spartina (2015-2022)								

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		23l	Starkweather Park	7 years with no invasive Spartina (2016-2022)							
		23m	Novato	7 years with no invasive Spartina (2016-2022)							
		23n	Triangle Marsh & shoreline	4 years with no invasive Spartina (2019-2022)							
		23o	China Camp	6 years with no invasive Spartina (2017-2022)							
24	Petaluma River	24a	Upper Petaluma River- Upstream of Grey's Field			X		X			
		24b	Grey's Field	2 years with no invasive Spartina (2021-2022)							
		24c	Petaluma Marsh			X		X			
25	Outer Coast	25a	Tom's Point (Tomales Bay)							X	
		25b	Limantour Estero	11 years with no invasive Spartina (2012-2022)							
		25c	Drakes Estero	10 years with no invasive Spartina (2013-2022)							
		25d	Bolinas Lagoon north	4 years with no invasive Spartina (2019-2022)							
		25e	Bolinas Lagoon south	10 years with no invasive Spartina (2013-2022)							
26	North San Pablo Bay	26a	White Slough / Napa River	12 years with no invasive Spartina (2011-2022)							
		26b	San Pablo Bay NWR & Mare Island			X				X	
		26c	Sonoma Creek	6/28		X					
		26d	Sonoma Baylands	12 years with no invasive Spartina (2011-2022)							
27	Suisun Bay	27a	Point Buckler	7/25		X					
		27b	MOTCO Islands	7/25		X					
		27c	Honker Bay	7/20		X					
		27d	MOTCO mainland	6/21; 6/23	Yes	X					

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