

# 2023 Invasive Spartina Project Treatment Schedule

Updated: 11/8/23

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	10/3	Yes		X					
		01b	Lower Channel (not including mouth)	10/3	Yes		X					
		01c	Upper Channel	10/3	Yes		X					
		01d	Upper Channel - Union City Blvd to I-880	3 years with no invasive Spartina (2021-2023)								
		01e	Strip Marsh No. of Channel Mouth	8 years with no invasive Spartina (2017-2023)								
		01f	Pond 3 - AFCC	11/7	Yes		X					
2	Bair/Greco Islands	02a.1a	Belmont Slough Mouth	9/22; 9/25-9/26	Yes		X		X			
		02a.1b	Belmont Slough Mouth South	9/25-9/26	Yes		X		X			
		02a.2	Upper Belmont Slough and Redwood Shores	9/1; 9/25; 10/10	Yes		X		X			
		02a.3	Bird Island	9/22; 9/26	Yes		X					
		02a.4	Redwood Shores Mitigation Bank	8/17; 9/25	Yes		X					
		02b.1	Corkscrew Slough	10/6; 10/19; 10/21; 11/9				X		X		
		02b.2	Steinberger Slough South, Redwood Creek Northwest	7/27; 9/27; 11/9				X		X		
		02c.1a	B2 North Quadrant West	n/a				X		X		
		02c.1b	B2 North Quadrant East	8/7; 8/24-8/25; 9/5-9/6; 10/4; 10/6; 10/20-10/21; 11/3; 11/7				X		X		
		02c.2	B2 North Quadrant South	8/21-8/23; 9/5-9/6; 10/4; 11/3; 11/7				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	11/2				X		X		
02g	Westpoint Slough SW and East	8/4; 10/4				X		X				
02h	Greco Island South	11/2				X		X				

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		02i	Ravenswood Slough	9/11; 9/18; 10/4			X					
		02j.1	Ravenswood Open Space Preserve (north Hwy 84)	9/11			X					
		02j.2	Ravenswood Open Space Preserve (south Hwy 84)	8/31			X					
		02k	Redwood Creek and Deepwater Slough	8/4; 10/19; 11/9			X			X		
		02l	Inner Bair Island Restoration	10/4; 10/10; 10/17			X					
		02m	Pond B3 - Middle Bair Island Restoration	7/28; 8/9; 9/8; 10/7; 10/9; 10/23; 11/7	Yes					X		
		02n	SF2	6 years with no Invasive Spartina (2018-2023)								
		02o	Central Bair	7/26-7/27; 8/9; 9/11; 10/24; 11/8						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)	9/25			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); 9/12				X				X
		04h	Upper Corte Madera Creek (Above Bon Air Road)	6/6 (COI); 10/16				X				X
		04i	Lower Corte Madera Creek (between Bon Air Rd & HWY 101)	6/6 (COI); 10/16				X				X
		04j.1	Corte Madera Creek Mouth - North Bank	10/30				X				X
		04j.2	Corte Madera Creek Mouth - South Bank	10/12				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	9/21; 10/16; 11/2			X		X			
		05a.2	Calaveras Marsh	8/8; 10/5			X	X	X			

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5	Coyote Creek/Mowry Complex	05b	Dumbarton/Audubon	8/25; 9/21; 9/28; 10/4; 10/18; 11/2; 11/9			X		X		
		05c.1	Newark Slough West	8/25			X		X		
		05c.2	Newark Slough East	8/25			X		X		
		05d	LaRiviere Marsh	8/25			X				
		05e	Mayhew's Landing	8/7; 8/25			X				
		05f	Coyote Creek- Alameda County	10/18			X			X	
		05g	Cargill Pond (W Hotel)	8/7; 8/25			X				
		05h	Plummer Creek Mitigation	10/18	Yes		X				
		05i	Island Ponds	9/23; 10/31						X	
6	Emeryville Crescent	06a	Emeryville Crescent East	9/27; 10/11			X				
		06b	Emeryville Crescent West	9/27			X				
7	Oro Loma Marsh	07a	Oro Loma Marsh-East	7/27-7/28; 9/18	Yes		X		X		
		07b	Oro Loma Marsh-West	7/24; 7/27-7/28	Yes		X		X		
8	Palo Alto Baylands	8	Palo Alto Baylands	9/7; 10/3; 10/4	Yes	X	X		X		
9	Tiscornia Marsh	9	Tiscornia Marsh	8/21			X				
10	Point Pinole Marshes	10a	Whittell Marsh	9/15			X				
		10b	Southern Marsh	3 years with no Invasive Spartina (2021-2023)							
		10c	Giant Marsh	10/3			X				
		10d	Breuner Marsh	No invasive Spartina 2023							
11	Southampton Marsh	11	Southampton Marsh	9/1; 9/29	Yes		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 Slough	10/2				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	8/24			X				
		13b	Old Alameda Creek Island	9/11			X				
		13c	Old Alameda Creek South Bank	10/5			X				
		13d	Whale's Tail North Fluke	8/24; 9/6; 10/10			X				
		13e	Whale's Tail South Fluke	10/5			X				
		13f	Cargill Mitigation Marsh	10/5			X				
		13g	Upstream of 20 Tide Gates	2 years with no invasive Spartina (2021-2022)							
		13h	Eden Landing-North Creek	9/22				X			
		13i	Eden Landing-Pond 10	9/6				X			
		13j	Eden Landing-Mt Eden Creek	9/5-9/6				X			
		13k	Eden Landing Reserve South-North Creek Marsh	9/7; 9/21-9/22; 10/18	Yes			X			
		13l	Eden Landing Reserve North- Mt Eden Creek Marsh	9/5-9/7				X			
		13m	Eden Landing - Pond E8A, E9, and E8X	8/10; 8/24; 9/11; 10/10				X		X	
15	South Bay Marshes	15a.1	Charleston Slough to Mountain View Slough	8/17	Yes		X				
		15a.2	Stevens Ck to Guadalupe Sl	8/8	Yes		X				
		15a.3	Guadalupe Slough	10/5	Yes		X		X		
		15a.4	Alviso Slough	9/21; 9/22-9/23; 10/5; 10/6; 10/20; 11/1			X		X		
		15a.5	Coyote Creek to Artesian Slough	10/18			X		X		
		15a.6	Knapp Tract (Pond A6)	9/26					X		
		15b	Faber/Laumeister Marsh	8/22			X				
		15c	Shoreline Regional Park	8/7			X				

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						Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast	Digging, Mowing, and/or Covering	
		15d	Sunnyvale Baylands	2 years with no invasive Spartina (2022-2023)								
16	Cooley Landing Salt Pond Restoration	16.1	Cooley Landing Central	9/5-9/7; 10/5; 10/20	Yes	X	X		X			
		16.2	Cooley Landing East	9/5-9/7; 10/5	Yes	X	X		X			
17	Alameda/ San Leandro Bay Complex	17a	Alameda Island South (Elsie Roemer Bird Sanctuary, Crown Memorial State Beach, Crab Cove)	8/3; 10/2			X					
		17b	Bay Farm Island	6/22			X					
		17c.1	Arrowhead Marsh West	8/14-8/15	Yes		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; 8/3				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; 10/25					X			
		17j.1	Fan Marsh Wings	6/22	Yes				X			
		17j.2	Fan Marsh Main	9/1; 9/21; 11/7				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)								

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18	Colma Creek/ San Bruno Marsh Complex	18c	Old Shipyard	4 years with no invasive Spartina (2019-2022)							
		18d	Inner Harbor	9 years with no invasive Spartina (2014-2022)							
		18e	Sam Trans Peninsula	9/28			X				
		18f	Confluence Marsh	6 years with no invasive Spartina (2017-2022)							
		18g	San Bruno Marsh	9/28			X				
		18h	San Bruno Creek	2 years with no invasive Spartina (2021-2022)							
19	West San Francisco Bay	19a	Brisbane Lagoon	9/28	Yes		X				
		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	9/28	Yes		X				
		19f	Point San Bruno	2 years with no invasive Spartina (2021-2022)							
		19g	Seaplane Harbor	10/5			X		X		
		19h	SFO	8/23; 10/5			X		X		
		19i	Mills Creek Mouth	2 years with no invasive Spartina (2021-2022)							
		19j	Easton Creek Mouth				X		X		
		19k	Sanchez Marsh	9/8; 10/17			X			X	
		19l	Burlingame Lagoon	9/8			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	10/2			X						
19p.2	Seal Slough Mouth - Peripheral Marsh	10/2			X						

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		19q	Foster City	9/25	Yes		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; 10/18			X					
		20b	Oakland Metropolitan Golf Links	No invasive Spartina 2022								
		20c	Dog Bone Marsh	10/18	Yes			X				
		20d.1	Citation Marsh South	10/19; 10/23-10/24	Yes	X	X					
		20d.2a	Citation Marsh Upper	8/16-8/18; 11/3; 11/7		X	X					
		20d.2b	Citation Marsh Central	8/17-8/18; 8/31-9/1; 9/18-9/19; 9/22; 10/4; 10/5; 11/1-11/3; 11/7		X	X					
		20e	East Marsh	10/25	Yes			X				
		20f	North Marsh			WILL NOT BE TREATED IN 2023						
		20g	Bunker Marsh	10/19; 10/23-10/24	Yes	X	X	X				
		20h.1	San Lorenzo Creek & Mouth North	10/23; 10/25	Yes			X				
		20h.2	San Lorenzo Creek & Mouth South	6/12-6/13	Yes			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	10/9	Yes			X				
		20n.1	Cogswell Marsh, Quadrant B Bayfront	9/7-9/8; 9/18; 10/3; 10/9	Yes	X	X					
		20n.2	Cogswell Marsh, Quadrant B South	9/27; 9/29	Yes				X			
		20n.3	Cogswell Marsh, Quadrant B Main	8/21-8/24; 9/7-9/8; 9/18; 9/29; 10/3; 10/19	Yes	X	X					
		20o	Cogswell Marsh, Quadrant C	9/29; 10/9	Yes	X	X	X				
20p	Hayward Shoreline Outliers	7/24				X						

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		20q	San Leandro Shoreline Outliers	6/12			X					
		20r	Oakland Airport Shoreline and Channels	9/5			X					
		20s	H.A.R.D. Marsh	9/19; 10/9				X				
		20t	San Leandro Marina	7/25; 8/3	Yes			X				
		20u	Estudillo Creek Channel	6/26; 7/25	Yes	X	X					
		20v	Hayward Landing Canal	7/24	Yes			X				
		20w	Triangle Marsh	7/24				X				
21	Ideal Marsh	21a	Ideal Marsh North	10/3			X					
		21b	Ideal Marsh South	10/3			X					
22	Two Points Complex	22a	Wildcat Marsh	9/5; 10/3; 10/24	Yes		X		X			
		22b.1	San Pablo Marsh East	9/5; 10/3	Yes		X		X			
		22b.2	San Pablo Marsh West	10/11; 10/13; 11/7	Yes		X		X			
		22c	Rheem Creek	10/3			X					
		22d	Stege Marsh	No invasive Spartina 2021								
		22e	Hoffman Marsh	2 years with no invasive Spartina (2022-2023)								
		22f	Richmond/ Albany /Pinole Shoreline	9/19; 9/27				X				
23	Marin Outliers	23a	Brickyard Cove	No invasive Spartina 2022								
		23b	Beach Drive	8/21			X					
		23c	Loch Lomond Marina	10/12			X					
		23d.1	San Rafael Canal Mouth East	8/21			X					
		23d.2	San Rafael Canal Mouth West	9/8; 10/12			X					
		23e	Muzzi & Marta's Marsh	6/15 (COI); 9/25; 10/3	Yes		X				X	
		23f	Paradise Cay	9/7			X				X	
		23g	Greenwood Cove	No invasive Spartina 2022								
		23h	Strawberry Point	10/9; 10/18								X
		23i	Strawberry Cove	8/21				X				
		23j	Bothin Marsh	9/12				X				

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		23k	Sausalito	8 years with no invasive Spartina (2015-2022)							
		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	5 years with no invasive Spartina (2019-2023)							
		23o	China Camp	7 years with no invasive Spartina (2017-2023)							
24	Petaluma River	24a	Upper Petaluma River- Upstream of Grey's Field	9/6; 10/16			X		X		
		24b	Grey's Field	2 years with no invasive Spartina (2021-2022)							
		24c	Petaluma Marsh	9/6			X		X		
25	Outer Coast	25a	Tom's Point (Tomaes 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	Yes		X				
		27b	MOTCO Islands	7/25; 8/9; 10/16			X				
		27c	Honker Bay	7/20; 8/8-8/9; 10/16			X				
		27d	MOTCO mainland	6/21; 6/23	Yes		X				

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