

2024 Invasive Spartina Project Treatment Schedule

Updated: 11/18/24

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

How: [Treatment Methods](#)

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

Treatment Location				Treatment Dates*	Complete for 2024?	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	10/7	Yes		X					
		01b	Lower Channel (not including mouth)	10/7	Yes		X					
		01c	Upper Channel	10/7	Yes		X					
		01d	Upper Channel - Union City Blvd to I-880	4 years with no invasive Spartina (2021-2024)								
		01e	Strip Marsh No. of Channel Mouth	9 years with no invasive Spartina (2017-2024)								
		01f	Pond 3 - AFCC	No Invasive Spartina 2024								
2	Bair/Greco Islands	02a.1a	Belmont Slough Mouth	9/11; 10/29; 11/7	Yes		X		X			
		02a.1b	Belmont Slough Mouth South	9/9; 10/29; 11/7	Yes		X		X			
		02a.2	Upper Belmont Slough and Redwood Shores	9/9-9/10; 10/23; 10/25; 11/7	Yes		X		X			
		02a.3	Bird Island	10/29			X					
		02a.4	Redwood Shores Mitigation Bank	9/11			X					
		02b.1	Corkscrew Slough	10/8; 11/7			X		X			
		02b.2	Steinberger Slough South, Redwood Creek Northwest	7/26; 9/27; 10/23; 11/14			X		X			
		02c.1a	B2 North Quadrant West	8/24; 8/26; 9/7; 9/24; 10/7	Yes		X		X			
		02c.1b	B2 North Quadrant East	7/26; 8/12-8/15; 8/23; 8/26; 9/6-9/7; 9/9-9/11; 9/16; 9/20; 9/23-9/26	Yes		X		X			
		02c.2	B2 North Quadrant South	9/16; 9/26-9/27; 10/7-10/8; 10/10-10/11; 11/6-11/8			X		X			
		02d.1a	B2 South Quadrant West	11/8	Yes		X		X			
		02d.1b	B2 South Quadrant East	11/8	Yes		X		X			
		02d.2	B2 South Quadrant (2)	11/6	Yes		X		X			
		02d.3	B2 South Quadrant (3)	11/8	Yes		X					
		02e	Westpoint Slough NW	10/25			X		X			
02f	Greco Island North	9/10; 10/22; 11/6-11/7	Yes		X		X					
02g	Westpoint Slough SW and East	10/9; 10/25; 11/11			X		X					

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		02h	Greco Island South	10/22			X		X	
		02i	Ravenswood Slough	9/25-9/26; 10/9; 11/6	Yes		X			
		02j.1	Ravenswood Open Space Preserve (north Hwy 84)	9/26			X			
		02j.2	Ravenswood Open Space Preserve (south Hwy 84)	9/26			X			
		02k	Redwood Creek and Deepwater Slough	10/8; 10/23; 11/7			X		X	
		02l	Inner Bair Island Restoration	10/10; 10/28; 11/12			X			
		02m	Pond B3 - Middle Bair Island Restoration	8/14; 9/27; 10/3-10/4; 10/10; 10/12					X	
		02n	SF2	9/26	Yes		X			
		02o	Central Bair	7/29; 8/27; 9/12-9/13; 9/26; 10/10; 10/24-10/25						X
3	Blackie's Pasture	03a	Blackie's Creek (above bridge)	5 years with no Invasive Spartina (2019-2023)						
		03b	Blackie's Creek Mouth	7 years with no Invasive Spartina (2017-2023)						
4	Corte Madera Creek Complex	04a	Corte Madera Ecological Reserve (CMER)	10/25			X			X
		04b	College of Marin Ecology Study Area	10/16			X			X
		04c	Piper Park East	No Invasive Spartina 2023						
		04d	Piper Park West	2 years with no Invasive Spartina (2022-2023)						
		04e	Larkspur Ferry Landing Area	11/12			X			
		04f	Riviera Circle				X			X
		04g	Creekside Park				X			X
		04h	Upper Corte Madera Creek (Above Bon Air Road)	10/16			X			X
		04i	Lower Corte Madera Creek (between Bon Air Rd & HWY 101)	10/16			X			X
		04j.1	Corte Madera Creek Mouth - North Bank	11/12			X			X
		04j.2	Corte Madera Creek Mouth - South Bank	10/16			X			X
04k	Boardwalk No. 1 (Arkites)	2 years with no Invasive Spartina (2022-2023)								

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		04I	Murphy Creek	3 years with no Invasive Spartina (2021-2023)							
5	Coyote Creek/Mowry Complex	05a.1	Mowry Marsh & Slough	8/13; 9/10; 10/24			X		X		
		05a.2	Calaveras Marsh	8/9			X		X		
		05b	Dumbarton/Audubon	9/10; 9/23; 10/29			X		X		
		05c.1	Newark Slough West	Not treated 2024							
		05c.2	Newark Slough East	Not treated 2024							
		05d	LaRiviere Marsh	10/22	Yes		X				
		05e	Mayhew's Landing	10/21	Yes		X				
		05f	Coyote Creek- Alameda County	9/6			X		X		
		05g	Cargill Pond (W Hotel)	10/25			X				
		05h	Plummer Creek Mitigation	9/9; 10/24	Yes		X				
		05i	Island Ponds	9/11; 10/1; 10/23	Yes			X			
6	Emeryville Crescent	06a	Emeryville Crescent East	8/15			X				
		06b	Emeryville Crescent West	8/15; 10/24			X				
7	Oro Loma Marsh	07a	Oro Loma Marsh-East	7/30-7/31; 9/23	Yes		X				
		07b	Oro Loma Marsh-West	7/30-7/31	Yes		X				
8	Palo Alto Baylands	8	Palo Alto Baylands	10/11; 10/23			X		X		
9	Tiscornia Marsh	9	Tiscornia Marsh	9/9			X				
10	Point Pinole Marshes	10a	Whittell Marsh	11/14			X				
		10b	Southern Marsh	11/14			X				
		10c	Giant Marsh	11/14			X				
		10d	Breuner Marsh	No invasive Spartina 2023							
11	Southampton Marsh	11	Southampton Marsh	9/6	Yes		X				
		12a	Pier 94	8 years with no invasive Spartina (2016-2023)							
		12b	Pier 98/Heron's Head	6 years with no Invasive Spartina (2018-2023)							

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast	Digging, Mowing, and/or Covering
12	Southeast San Francisco	12c	India Basin	10 years with no invasive Spartina (2014-2023)						
		12d	Hunters Point Naval Reserve	7 years with no Invasive Spartina (2017-2023)						
		12e	Yosemite Slough	10/8	Yes					
		12f	Candlestick Cove	9 years with no invasive Spartina (2015-2023)						
		12g	Crissy Field	10 years with no invasive Spartina (2014-2023)						
		12h	Yerba Buena Island	10 years with no invasive Spartina (2014-2023)						
		12i	Mission Creek	10 years with no invasive Spartina (2014-2023)						
13	Whale's Tail Complex	13a	Old Alameda Creek North Bank	No Invasive Spartina 2024						
		13b	Old Alameda Creek Island	10/25			X			
		13c	Old Alameda Creek South Bank	10/9			X			
		13d	Whale's Tail North Fluke	10/7; 10/21			X			
		13e	Whale's Tail South Fluke	10/9			X			
		13f	Cargill Mitigation Marsh	10/9			X			
		13g	Upstream of 20 Tide Gates	3 years with no invasive Spartina (2021-2023)						
		13h	Eden Landing-North Creek	8/27	Yes			X		
		13i	Eden Landing-Pond 10	10/7	Yes			X		
		13j	Eden Landing-Mt Eden Creek	9/25; 11/6				X		
		13k	Eden Landing Reserve South-North Creek Marsh	8/26; 8/28; 10/8-10/9				X		
		13l	Eden Landing Reserve North- Mt Eden Creek Marsh	9/18; 9/25; 10/8				X		
		13m	Eden Landing - Pond E8A, E9, and E8X	8/27; 8/28; 10/25				X		X
		15a.1	Charleston Slough to Mountain View Slough	8/13; 10/28			X			
		15a.2	Stevens Ck to Guadalupe Sl	8/14; 10/28			X			
		15a.3	Guadalupe Slough	9/11			X	X		

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						Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast	Digging, Mowing, and/or Covering	
15	South Bay Marshes	15a.4	Alviso Slough	8/9; 9/11-9/13; 9/23-9/25; 10/9; 10/23; 10/28; 11/8			X		X			
		15a.5	Coyote Creek to Artesian Slough	9/6; 10/1			X		X			
		15a.6	Knapp Tract (Pond A6)	9/16						X		
		15b	Faber/Laumeister Marsh	9/24; 10/23; 11/11			X					
		15c	Shoreline Regional Park	10/10; 11/14	Yes		X					
		15d	Sunnyvale Baylands	3 years with no invasive Spartina (2022-2024)								
16	Cooley Landing Salt Pond Restoration	16.1	Cooley Landing Central	9/9-9/10; 9/24; 10/23	Yes	X	X		X			
		16.2	Cooley Landing East	9/9-9/10; 9/25; 10/11	Yes	X	X		X			
17	Alameda/San Leandro Bay Complex	17a	Alameda Island South (Elsie Roemer Bird Sanctuary, Crown Memorial State Beach, Crab Cove)	10/8			X					
		17b	Bay Farm Island	7/12			X					
		17c.1	Arrowhead Marsh West	8/12-8/13; 8/29; 9/20	Yes		X		X			
		17c.2	Arrowhead Marsh East			WILL NOT BE TREATED IN 2024						
		17d.1	MLK Regional Shoreline - Fan Marsh Shoreline	7/29						X		
		17d.2	Airport Channel - MLK Shoreline	7/12; 7/29				X				
		17d.3	East Creek -MLK Shoreline	7/29				X				
		17d.4	MLK Regional Shoreline-Damon Marsh	7/25			X	X				
		17d.5	Damon S/Elmhurst Cr - MLK Shoreline	7/29				X				
		17e.1	San Leandro Creek North	7/29				X				
		17e.2	San Leandro Creek South	7/29				X				
		17f	Oakland Inner Harbor	7/1				X				
		17g	Coast Guard Island	7/1				X				
		17h	MLK New Marsh			WILL NOT BE TREATED IN 2024						
		17i	Coliseum Channels	7/9; 9/20				X				
		17j.1	Fan Marsh Wings	7/12	Yes			X				
17j.2	Fan Marsh Main	8/22-8/23; 9/6; 10/7	Yes		X	X						

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		17k	Airport Channel	7/29			X		X	
		17l	Doolittle Pond	7/12			X			
		17m	Alameda Island East: Aeolian Yacht Club & Eastern Shoreline	10/8			X			
		17n	Doolittle Drive Mitigation Marsh	Not treated 2024						
18	Colma Creek/ San Bruno Marsh Complex	18a	Colma Creek	6 years with no invasive Spartina (2018-2023)						
		18b	Navigable Slough	7 years with no invasive Spartina (2017-2023)						
		18c	Old Shipyard	5 years with no invasive Spartina (2019-2023)						
		18d	Inner Harbor	10 years with no invasive Spartina (2014-2023)						
		18e	Sam Trans Peninsula	No Invasive Spartina 2024						
		18f	Confluence Marsh	8 years with no invasive Spartina (2017-2024)						
		18g	San Bruno Marsh	10/8	Yes		X			
		18h	San Bruno Creek	3 years with no invasive Spartina (2021-2023)						
19	West San Francisco Bay	19a	Brisbane Lagoon	8/5	Yes		X			
		19b	Sierra Point	10 years with no invasive Spartina (2015-2024)						
		19c	Oyster Cove	10 years with no invasive Spartina (2015-2024)						
		19d	Oyster Point Marina	10 years with no invasive Spartina (2015-2024)						
		19e	Oyster Point Park	No Invasive Spartina 2024						
		19f	Point San Bruno	4 years with no invasive Spartina (2021-2024)						
		19g	Seaplane Harbor				X			
		19h	SFO	10/24			X			
		19i	Mills Creek Mouth	10/24			X			
		19j	Easton Creek Mouth	No Invasive Spartina 2023						

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19	San Francisco Bay	19k	Sanchez Marsh	10/22; 11/7			X					
		19l	Burlingame Lagoon	10/22; 10/25			X					
		19m	Fisherman's Park	13 years with no invasive Spartina (2012-2024)								
		19n	Coyote Point Marina / Marsh	4 years with no invasive Spartina (2021-2024)								
		19o	San Mateo Creek / Ryder Park	2 years with no invasive Spartina (2023-2024)								
		19p.1	Seal Slough Mouth - Central Marsh	9/24; 11/8	Yes		X					
		19p.2	Seal Slough Mouth - Peripheral Marsh	9/24; 11/8	Yes		X					
		19q	Foster City	6/24			X					
		19r	Anza Lagoon	9 years with no invasive Spartina (2016-2024)								
		19s	Maple Street Channel	6 years with no invasive Spartina (2019-2024)								
20	San Francisco Bay	20a	Oyster Bay Regional Shoreline	7/25			X					
		20b	Oakland Metropolitan Golf Links	7/25			X					
		20c	Dog Bone Marsh	8/29	Yes		X					
		20d.1	Citation Marsh South	8/14; 8/15; 8/29	Yes	X	X					
		20d.2a	Citation Marsh Upper	8/12-8/14; 8/21-8/22; 8/29	Yes	X	X					
		20d.2b	Citation Marsh Central	8/12-8/14; 8/22-8/23; 8/29	Yes	X	X					
		20e	East Marsh	8/15	Yes		X					
		20f	North Marsh			WILL NOT BE TREATED IN 2024						
		20g	Bunker Marsh	8/15	Yes	X	X					
		20h.1	San Lorenzo Creek & Mouth North	8/9			X					
		20h.2	San Lorenzo Creek & Mouth South	8/9; 10/28			X					
		20i	Bockmann Channel	7/26			X					
		20j	Sulphur Creek	7/31			X					

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20	San Leandro / Hayward Shoreline	20k	Hayward Landing	7/26			X				
		20l	Johnson's Landing	7/26				X			
		20m	Cogswell Marsh, Quadrant A	9/6				X			
		20n.1	Cogswell Marsh, Quadrant B Bayfront	8/26-8/27	Yes	X	X				
		20n.2	Cogswell Marsh, Quadrant B South	8/29	Yes			X			
		20n.3	Cogswell Marsh, Quadrant B Main	8/26-8/28	Yes	X	X				
		20o	Cogswell Marsh, Quadrant C	9/6				X			
		20p	Hayward Shoreline Outliers						X		
		20q	San Leandro Shoreline Outliers	6/26					X		
		20r	Oakland Airport Shoreline and Channels	11/7	Yes				X		
		20s	H.A.R.D. Marsh	8/29					X		
		20t	San Leandro Marina	8/6					X		
		20u	Estudillo Creek Channel	6/17			X	X			
		20v	Hayward Landing Canal	7/26					X		
20w	Triangle Marsh	7/26					X				
21	Ideal Marsh	21a	Ideal Marsh North	No invasive Spartina 2024	Yes		X				
		21b	Ideal Marsh South	10/7				X			
22	Two Points Complex	22a	Wildcat Marsh	9/9; 9/20			X		X		
		22b.1	San Pablo Marsh East	9/9; 9/30	Yes			X		X	
		22b.2	San Pablo Marsh West	9/9; 9/17; 9/20; 11/5	Yes			X		X	
		22c	Rheem Creek	9/30				X			
		22d	Stege Marsh	11/12					X		
		22e	Hoffman Marsh	2 years with no invasive Spartina (2022-2023)							
22f	Richmond/ Albany /Pinole Shoreline	10/14; 10/24					X				

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23	Marin Outliers	23a	Brickyard Cove	2 years with no invasive Spartina (2022-2023)							
		23b	Beach Drive	9/9; 10/25	Yes		X				
		23c	Loch Lomond Marina	No invasive Spartina 2024			X				
		23d.1	San Rafael Canal Mouth East	9/9			X				
		23d.2	San Rafael Canal Mouth West	8/28			X				
		23e	Muzzi & Marta's Marsh	6/3 (COI); 10/25			X				X
		23f	Paradise Cay								X
		23g	Greenwood Cove	2 years with no invasive Spartina (2022-2023)							
		23h	Strawberry Point	10/24				X			X
		23i	Strawberry Cove					X			
		23j	Bothin Marsh					X			
		23k	Sausalito	9 years with no invasive Spartina (2015-2023)							
		23l	Starkweather Park	8 years with no invasive Spartina (2016-2023)							
		23m	Novato	8 years with no invasive Spartina (2016-2023)							
		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	9/23; 11/12	Yes		X		X		
		24b	Grey's Field	4 years with no invasive Spartina (2021-2024)							
		24c	Petaluma Marsh	9/23; 11/12	Yes		X		X		
25	Outer Coast	25a	Tom's Point (Tomales Bay)	6/11 (COI)						X	
		25b	Limantour Estero	12 years with no invasive Spartina (2012-2023)							
		25c	Drakes Estero	11 years with no invasive Spartina (2013-2023)							
		25d	Bolinas Lagoon north	5 years with no invasive Spartina (2019-2023)							

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		25e	Bolinas Lagoon south	11 years with no invasive Spartina (2013-2023)						
26	North San Pablo Bay	26a	White Slough / Napa River	13 years with no invasive Spartina (2011-2023)						
		26b	San Pablo Bay NWR & Mare Island				X			
		26c	Sonoma Creek	6/28			X			
		26d	Sonoma Baylands	13 years with no invasive Spartina (2011-2023)						
27	Suisun Bay	27a	Point Buckler	7/10	Yes		X			
		27b	MOTCO Islands	7/10; 7/11			X			
		27c	Honker Bay	6/11; 6/25; 8/9			X			
		27d	MOTCO mainland	6/11; 7/11; 8/5	Yes		X			

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