

# 2021 Invasive Spartina Project Treatment Schedule

Updated: 8/20/21

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

How: [Treatment Methods](#)

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

Treatment Location				Treatment Dates*	Complete for 2021?	Treatment Method					Manual Digging, Mowing, and/or Covering	
Site #	Site Name	Sub-Area Number	Sub-Area Name	*(COI=Dug during course of inventory)		Imazapyr Herbicide						
					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast			
1	Alameda Flood Control Channel	01a	Channel Mouth				X					
		01b	Lower Channel (not including mouth)				X					
		01c	Upper Channel				X					
		01d	Upper Channel - Union City Blvd to I-880	4 years with no invasive Spartina (2017-2020)								
		01e	Strip Marsh No. of Channel Mouth					X				
		01f	Pond 3-AFCC	No Invasive Spartina 2020								
2	Bair/Greco Islands	02a.1a	Belmont Slough Mouth			X	X		X			
		02a.1b	Belmont Slough Mouth South			X	X		X			
		02a.2	Upper Belmont Slough and Redwood Shores			X	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	8/2			X		X			
		02c.1a	B2 North Quadrant West				X		X			
		02c.1b	B2 North Quadrant East	8/24					X	X		
		02c.2	B2 North Quadrant South	8/12-8/13			X		X			
		02d.1a	B2 South Quadrant West				X					
		02d.1b	B2 South Quadrant East				X					
		02d.2	B2 South Quadrant (2)				X					
		02d.3	B2 South Quadrant (3)				X					
		02e	Westpoint Slough NW				X		X			
		02f	Greco Island North	8/26			X		X			
		02g	Westpoint Slough SW and East	7/30; 8/26			X		X			
		02h	Greco Island South	8/26			X		X			
		02i	Ravenswood Slough & Mouth				X					
		02j.1	Ravenswood Open Space Preserve (north Hwy 84)				X					
02j.2	Ravenswood Open Space Preserve (south Hwy 84)				X							

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		02k	Redwood Creek and Deepwater Slough	8/25			X	X	X	
		02l	Inner Bair Island Restoration				X			
		02m	Pond B3 - Middle Bair Island Restoration	9/14-9/15; 9/30-10/1					X	
		02n	SF2	3 years with no Invasive Spartina (2018-2020)						
		02o	Central Bair	8/2-8/3					X	
3	Blackie's Pasture	03a	Blackie's Creek (above bridge)	2 years with no Invasive Spartina (2019-2020)						
		03b	Blackie's Creek Mouth	4 years with no Invasive Spartina (2017-2020)						
4	Corte Madera Creek Complex	04a	Corte Madera Ecological Reserve (CMER)				X			X
		04b	College of Marin Ecology Study Area	No invasive Spartina 2020						
		04c	Piper Park East							X
		04d	Piper Park West	2 years with no Invasive Spartina (2019-2020)						
		04e	Larkspur Ferry Landing Area				X			
		04f	Riviera Circle	6/4 (COI)				X		X
		04g	Creekside Park	6/8 (COI); 7/30; 9/3				X		X
		04h	Upper Corte Madera Creek (Above Bon Air Road)	7/30				X		X
		04i	Lower Corte Madera Creek (between Bon Air Rd & HWY 101)	6/9 (COI); 7/30				X		X
		04j.1	Corte Madera Creek Mouth - North Bank	7/30				X		X
		04j.2	Corte Madera Creek Mouth - South Bank					X		X
		04k	Boardwalk No. 1 (Arkites)	6/10 (COI)						X
04l	Murphy Creek							X		
		05a.1	Mowry Marsh & Slough	8/27			X		X	
		05a.2	Calaveras Marsh	7/30			X	X	X	
		05b	Dumbarton/Audubon	8/27				X	X	
		05c.1	Newark Slough West					X	X	
		05c.2	Newark Slough East					X	X	

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast		
5	Coyote Creek/Mowry Complex	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	10/28-10/29			X		X		
		07b	Oro Loma Marsh-West	10/28-10/29			X		X		
8	Palo Alto Baylands	8	Palo Alto Baylands	9/1		X	X		X		
9	Tiscornia Marsh	9	Tiscornia Marsh				X				
10	Point Pinole Marshes	10a	Whittell Marsh	8/19			X				
		10b	Southern Marsh				X		X		
		10c	Giant Marsh					X		X	
		10d	Breuner Marsh					X			
11	Southampton Marsh	11	Southampton Marsh	9/15			X				
12	Southeast San Francisco	12a	Pier 94	5 years with no invasive Spartina (2016-2020)							
		12b	Pier 98/Heron's Head	3 years with no Invasive Spartina (2018-2020)							
		12c	India Basin	7 years with no invasive Spartina (2014-2020)							
		12d	Hunters Point Naval Reserve	4 years with no Invasive Spartina (2017-2020)							
		12e	Yosemite Channel					X			
		12f	Candlestick Cove	6 years with no invasive Spartina (2015-2020)							
		12g	Crissy Field	7 years with no invasive Spartina (2014-2020)							

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast		
		12h	Yerba Buena Island	7 years with no invasive Spartina (2014-2020)							
		12i	Mission Creek	7 years with no invasive Spartina (2014-2020)							
13	Whale's Tail Complex	13a	Old Alameda Creek North Bank				X				
		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					X			
		13h	Eden Landing-North Creek					X			
		13i	Eden Landing-Pond 10		No invasive Spartina 2020						
		13j	Eden Landing-Mt Eden Creek						X		
		13k	Eden Landing Reserve South-North Creek Marsh		8/2				X		
		13l	Eden Landing Reserve North- Mt Eden Creek Marsh		8/18				X		
		13m	Eden Landing - Pond E8A, E9, and E8X		8/2				X	X	
15	South Bay Marshes	15a.1	Charleston Slough to Mountain View Slough	7/29			X				
		15a.2	Stevens Ck to Guadalupe Sl	8/13			X				
		15a.3	Guadalupe Slough	8/13; 9/2				X	X		
		15a.4	Alviso Slough	8/3; 8/19; 8/31-9/1; 9/13; 9/27-9/28				X	X		
		15a.5	Coyote Creek to Artesian Slough	9/15				X	X		
		15a.6	Knapp Tract (Pond A6)	9/2					X		
		15b	Faber/Laumeister Marsh	8/27				X			
		15c	Shoreline Regional Park					X			
16	Cooley Landing Salt Pond Restoration	16.1	Cooley Landing Central	8/25-8/26		X	X	X			
		16.2	Cooley Landing East	9/1		X	X	X			
		17a	Alameda Island South (Elsie Roemer Bird Sanctuary, Crown Memorial State Beach, Crab Cove)	8/10			X				

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast				
17	Alameda/ San Leandro Bay Complex	17b	Bay Farm Island	8/10			X						
		17c.1	Arrowhead Marsh West	9/28-9/29			X		X				
		17c.2	Arrowhead Marsh East			WILL NOT BE TREATED IN 2021							
		17d.1	MLK Regional Shoreline - Fan Marsh Shoreline	7/19	Yes					X			
		17d.2	Airport Channel - MLK Shoreline	7/19; 8/10	Yes		X						
		17d.3	East Creek -MLK Shoreline	7/19			X						
		17d.4	MLK Regional Shoreline-Damon Marsh						X	X			
		17d.5	Damon Sl/Elmhurst Cr - MLK Shoreline	7/19			X						
		17e.1	San Leandro Creek North	7/19			X						
		17e.2	San Leandro Creek South	7/19			X						
		17f	Oakland Inner Harbor					X		X			
		17g	Coast Guard Island					X					
		17h	MLK New Marsh				WILL NOT BE TREATED IN 2021						
		17i	Coliseum Channels					X					
		17j.1	Fan Marsh Wings	7/20	Yes			X					
		17j.2	Fan Marsh Main				WILL NOT BE TREATED IN 2021						
		17k	Airport Channel	7/19				X		X			
17l	Doolittle Pond	7/19	Yes			X							
17m	Alameda Island East: Aeolian Yacht Club & Eastern Shoreline	8/10				X							
18	Colma Creek/ San Bruno Marsh Complex	18a	Colma Creek	3 years with no invasive Spartina (2018-2020)									
		18b	Navigable Slough	4 years with no invasive Spartina (2017-2020)									
		18c	Old Shipyard	2 years with no invasive Spartina (2019-2020)									
		18d	Inner Harbor	7 years with no invasive Spartina (2014-2020)									
		18e	Sam Trans Peninsula				X						
		18f	Confluence Marsh	4 years with no invasive Spartina (2017-2020)									

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		18g	San Bruno Marsh	2 years with no invasive Spartina (2019-2020)							
		18h	San Bruno Creek				X				
19	West San Francisco Bay	19a	Brisbane Lagoon				X				
		19b	Sierra Point	6 years with no invasive Spartina (2015-2020)							
		19c	Oyster Cove	5 years with no invasive Spartina (2015-2020)							
		19d	Oyster Point Marina	6 years with no invasive Spartina (2015-2020)							
		19e	Oyster Point Park					X			
		19f	Point San Bruno					X			
		19g	Seaplane Harbor	3 years with no invasive Spartina (2018-2020)							
		19h	SFO					X		X	
		19i	Mills Creek Mouth					X		X	
		19j	Easton Creek Mouth					X		X	
		19k	Sanchez Marsh	7/28				X			X
		19l	Burlingame Lagoon	7/28				X			X
		19m	Fisherman's Park	9 years with no invasive Spartina (2012-2020)							
		19n	Coyote Point Marina / Marsh					X			
		19o	San Mateo Creek / Ryder Park	No invasive Spartina 2020							
		19p.1	Seal Slough Mouth - Central Marsh	8/19				X			
		19p.2	Seal Slough Mouth - Peripheral Marshes	8/19				X			
19q	Foster City					X					
19r	Anza Lagoon	5 years with no invasive Spartina (2016-2020)									
19s	Maple Street Channel	2 years with no invasive Spartina (2019-2020)									
		20a	Oyster Bay Regional Shoreline	7/16			X				

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast			
20	San Leandro / Hayward Shoreline	20b	Oakland Metropolitan Golf Links	7/16			X					
		20c	Dog Bone Marsh				X					
		20d.1	Citation Marsh South			X	X					
		20d.2a	Citation Marsh Upper	8/23-8/24; 9/7-9/8 9/23-9/24		X	X					
		20d.2b	Citation Marsh Central			WILL NOT BE TREATED IN 2021						
		20e	East Marsh				X					
		20f	North Marsh			WILL NOT BE TREATED IN 2021						
		20g	Bunker Marsh			X	X	X				
		20h.1	San Lorenzo Creek & Mouth North				X					
		20h.2	San Lorenzo Creek & Mouth South				X					
		20i	Bockmann Channel	7/29				X				
		20j	Sulphur Creek	7/29				X				
		20k	Hayward Landing	7/29				X				
		20l	Johnson's Landing	7/29				X				
		20m	Cogswell Marsh, Quadrant A	8/16				X				
		20n.1	Cogswell Marsh, Quadrant B Bayfront				X	X				
		20n.2	Cogswell Marsh, Quadrant B South				X		X			
		20n.3	Cogswell Marsh, Quadrant B Main	8/24				X			X	
		20o	Cogswell Marsh, Quadrant C				X	X	X			
		20p	Hayward Shoreline Outliers					X				
		20q	San Leandro Shoreline Outliers					X				
		20r	Oakland Airport Shoreline and Channels					X				
		20s	H.A.R.D. Marsh	8/16				X				
20t	San Leandro Marina	7/20				X						
20u	Estudillo Creek Channel	7/20			X	X						
20v	Hayward Landing Canal	7/29				X						
20w	Triangle Marsh	7/29				X						

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21	Ideal Marsh	21a	Ideal Marsh North			X					
		21b	Ideal Marsh South			X					
22	Two Points Complex	22a	Wildcat Marsh	9/27		X		X			
		22b.1	San Pablo Marsh East			X		X			
		22b.2	San Pablo Marsh West			X		X			
		22c	Rheem Creek			X		X			
		22d	Stege Marsh	No invasive Spartina 2020							
		22e	Hoffman Marsh			X					
		22f	Richmond/ Albany /Pinole Shoreline	8/11		X					
23	Marin Outliers	23a	Brickyard Cove			X					
		23b	Beach Drive	8/25		X					
		23c	Loch Lomond Marina	2 years with no invasive Spartina (2019-2020)							
		23d.1	San Rafael Canal Mouth East			X					
		23d.2	San Rafael Canal Mouth West			X					
		23e	Muzzi & Marta's Marsh	6/4 (COI)		X				X	
		23f	Paradise Cay	3 years with no invasive Spartina (2018-2020)							
		23g	Greenwood Cove							X	
		23h	Strawberry Point							X	
		23i	Strawberry Cove	8/25		X					
		23j	Bothin Marsh			X					
		23k	Sausalito	6 years with no invasive Spartina (2015-2020)							
		23l	Starkweather Park	5 years with no invasive Spartina (2016-2020)							
		23m	Novato	3 years with no invasive Spartina (2016-2018)							
		23n	Triangle Marsh & shoreline	2 years with no invasive Spartina (2019-2020)							
23o	China Camp	4 years with no invasive Spartina (2017-2020)									

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24	Petaluma River	24a	Upper Petaluma River- Upstream of Grey's Field	8/24			X		X	
		24b	Grey's Field	8/24			X		X	
		24c	Petaluma Marsh	8/24			X		X	
25	Outer Coast	25a	Tom's Point (Tomales Bay)	6/11 (COI)						X
		25b	Limantour Estero	7 years with no invasive Spartina (2012-2018)						
		25c	Drakes Estero	6 years with no invasive Spartina (2013-2018)						
		25d	Bolinas Lagoon north	2 years with no invasive Spartina (2019-2020)						
		25e	Bolinas Lagoon south	6 years with no invasive Spartina (2013-2018)						
26	North San Pablo Bay	26a	White Slough / Napa River	5 years with no invasive Spartina (2011-2015)						
		26b	San Pablo Bay NWR & Mare Island	7/30			X			X
		26c	Sonoma Creek	7/30			X			
		26d	Sonoma Baylands	8 years with no invasive Spartina (2011-2018)						
27	Suisun Bay	27a	Point Buckler	7/28			X			
		27b	MOTCO Islands	7/27-7/28			X			
		27c	Honker Bay	7/27-7/28; 8/11; 8/16			X			
		27d	MOTCO mainland	8/11			X			

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