

2019 Invasive Spartina Project Treatment Schedule

Updated: 8/12/19

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

How: [Treatment Methods](#)

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

Treatment Location				Treatment Dates*	Complete for 2018?	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	8/9			X				
		01b	Lower Channel (not including mouth)	8/9			X				
		01c	Upper Channel	8/9			X				
		01d	Upper Channel - Union City Blvd to I-880	2 years with no invasive Spartina (2017-2018)							
		01e	Strip Marsh No. of Channel Mouth	8/9				X			
		01f	Pond 3-AFCC	8/9				X			
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	8/7		X	X		X		
		02a.3	Bird Island				X		X		
		02a.4	Redwood Shores Mitigation Bank				X				
		02b.1	Corkscrew Slough				X		X		
		02b.2	Steinberger Slough South, Redwood Creek Northwest				X		X		
		02c.1a	B2 North Quadrant West	8/23-8/24			X		X		
		02c.1b	B2 North Quadrant East	8/16						X	
		02c.2	B2 North Quadrant South				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	West Point Slough NW							X	
		02f	Greco Island North	8/21-8/22				X		X	
		02g	West Point Slough SW and East	8/7				X			
		02h	Greco Island South					X		X	
02i	Ravenswood Slough & Mouth				X	X		X			

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		02j.1	Ravenswood Open Space Preserve (north Hwy 84)				X		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	7/10-7/11; 8/8						X		
		02n	SF2	No Invasive Spartina 2018								
		02o	Central Bair	7/22-7/23						X		
3	Blackie's Pasture	03a	Blackie's Creek (above bridge)								X	
		03b	Blackie's Creek Mouth	2 years with no Invasive Spartina (2017-2018)								
4	Corte Madera Creek Complex	04a	Corte Madera Ecological Reserve (CMER)	6/7 (COI)			X				X	
		04b	College of Marin Ecology Study Area	No Invasive Spartina 2018								
		04c	Piper Park East								X	
		04d	Piper Park West								X	
		04e	Larkspur Ferry Landing Area					X			X	
		04f	Riviera Circle	6/13 (COI)				X			X	
		04g	Creekside Park	6/5 (COI); 7/18				X			X	
		04h	Upper Corte Madera Creek (Above Bon Air Road)	6/6 (COI); 7/18				X			X	
		04i	Lower Corte Madera Creek (between Bon Air Rd & HWY 101)	6/6 (COI); 8/7				X			X	
		04j.1	Corte Madera Creek Mouth - North Bank	6/4 (COI)				X			X	
		04j.2	Corte Madera Creek Mouth - South Bank					X			X	
		04k	Boardwalk No. 1 (Arkites)	6/17/19 (COI)							X	
		04l	Murphy Creek							X		
		05a.1	Mowry Marsh & Slough	7/23			X		X			
		05a.2	Calaveras Marsh	8/6			X	X	X			

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast			
5	Coyote Creek/Mowry Complex	05b	Dumbarton/Audubon	7/23			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	9/4			X					
7	Oro Loma Marsh	07a	Oro Loma Marsh-East	8/23			X		X			
		07b	Oro Loma Marsh-West	8/23			X		X			
8	Palo Alto Baylands	8	Palo Alto Baylands	8/21-8/22		X	X		X			
9	Tiscornia Marsh	9	Tiscornia Marsh				X					
10	Point Pinole Marshes	10a	Whittell Marsh	8/12			X					
		10b	Southern Marsh	7/25			X		X			
		10c	Giant Marsh	7/25			X		X			
		10d	Breuner Marsh				X					
11	Southampton Marsh	11	Southampton Marsh	5/23			X					
		12a	Pier 94	4 years with no invasive Spartina (2016-2019)								
		12b	Pier 98/Heron's Head	2 years with no Invasive Spartina (2018-2019)								
		12c	India Basin	6 years with no invasive Spartina (2014-2019)								
		12d	Hunters Point Naval Reserve	2 years with no Invasive Spartina (2017-2018)								

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast		
12	Southeast San Francisco	12e	Yosemite Channel				X				
		12f	Candlestick Cove	4 years with no invasive Spartina (2015-2018)							
		12g	Crissy Field	4 years with no invasive Spartina (2014-2017)							
		12h	Yerba Buena Island	4 years with no invasive Spartina (2014-2017)							
		12i	Mission Creek	5 years with no invasive Spartina (2014-2018)							
13	Whale's Tail Complex	13a	Old Alameda Creek North Bank	4 years with no invasive Spartina (2015-2018)							
		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	No Invasive Spartina 2018							
		13g	Upstream of 20 Tide Gates	3 years with no invasive Spartina (2016-2018)							
		13h	Eden Landing-North Creek	3 years with no invasive Spartina (2016-2018)							
		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	8/8				X			
		13m	Eden Landing - Pond E8A, E9, and E8X	8/20				X		X	
15	South Bay Marshes	15a.1	Charleston Slough to Mountainview Slough				X				
		15a.2	Stevens Ck to Guadalupe Sl				X				
		15a.3	Guadalupe Slough						X		
		15a.4	Alviso Slough	7/24-7/25				X		X	
		15a.5	Coyote Creek to Artesian Slough					X		X	
		15a.6	Knapp Tract (Pond A6)							X	

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast			
		15b	Faber/Laumeister Marsh				X					
		15c	Shoreline Regional Park				X					
16	Cooley Landing Salt Pond Restoration	16.1	Cooley Landing Central	8/21-8/22		X	X		X			
		16.2	Cooley Landing East	8/22		X	X		X			
17	Alameda/San Leandro Bay Complex	17a	Alameda Island South (Elsie Roemer Bird Sanctuary, Crown Memorial State Beach, Crab Cove)	8/5			X					
		17b	Bay Farm Island	8/5			X					
		17c.1	Arrowhead Marsh West					X		X		
		17c.2	Arrowhead Marsh East			WILL NOT BE TREATED IN 2019						
		17d.1	MLK Regional Shoreline - Fan Marsh Shoreline	7/23-7/24						X		
		17d.2	Airport Channel - MLK Shoreline	7/23-7/24				X				
		17d.3	East Creek -MLK Shoreline	7/23-7/24				X				
		17d.4	MLK Regional Shoreline-Damon Marsh						X	X		
		17d.5	Damon Sl/Elmhurst Cr - MLK Shoreline	7/23-7/24				X				
		17e.1	San Leandro Creek North	7/23-7/24				X				
		17e.2	San Leandro Creek South	7/23-7/24				X				
		17f	Oakland Inner Harbor					X		X		
		17g	Coast Guard Island	8/6								
		17h	MLK New Marsh			WILL NOT BE TREATED IN 2019						
		17i	Coliseum Channels	7/24; 8/8				X				
		17j.1	Fan Marsh Wings				X	X				
		17j.2	Fan Marsh Main			WILL NOT BE TREATED IN 2019						
17k	Airport Channel	7/23-7/24				X		X				
17l	Doolittle Pond	7/23-7/24				X						
17m	Alameda Island East: Aeolian Yacht Club & Eastern Shoreline	8/5				X						
		18a	Colma Creek	No invasive Spartina 2018								

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18	Colma Creek/ San Bruno Marsh Complex	18b	Navigable Slough	2 years with no invasive Spartina (2017-2018)							
		18c	Old Shipyard				X				
		18d	Inner Harbor	5 years with no invasive Spartina (2014-2018)							
		18e	Sam Trans Peninsula				X				
		18f	Confluence Marsh	2 years with no invasive Spartina (2017-2018)							
		18g	San Bruno Marsh				X				
		18h	San Bruno Creek				X				
		19	West San Francisco Bay	19a	Brisbane Lagoon	4 years with no invasive Spartina (2015-2018)					
19b	Sierra Point			4 years with no invasive Spartina (2015-2018)							
19c	Oyster Cove			3 years with no invasive Spartina (2015-2018)							
19d	Oyster Point Marina			4 years with no invasive Spartina (2015-2018)							
19e	Oyster Point Park			3 years with no invasive Spartina (2015-2018)							
19f	Point San Bruno			No invasive Spartina 2018							
19g	Seaplane Harbor			No invasive Spartina 2018							
19h	SFO						X		X		
19i	Mills Creek Mouth			No invasive Spartina 2018							
19j	Easton Creek Mouth						X		X		
19k	Sanchez Marsh			8/6; 8/12			X		X		X
19l	Burlingame Lagoon			8/12			X				X
19m	Fisherman's Park			7 years with no invasive Spartina (2012-2018)							
19n	Coyote Point Marina / Marsh			No invasive Spartina 2018			X				
19o	San Mateo Creek / Ryder Park			8/12			X				

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast			
		19p.1	Seal Slough Mouth - Central Marsh				X					
		19p.2	Seal Slough Mouth - Peripheral Marshes				X					
		19q	Foster City				X					
		19r	Anza Lagoon	3 years with no invasive Spartina (2016-2018)								
		19s	Maple Street Channel									X
20	San Leandro / Hayward Shoreline	20a	Oyster Bay Regional Shoreline	7/22			X		X			
		20b	Oakland Metropolitan Golf Links	7/22			X					
		20c	Dog Bone Marsh				X					
		20d.1	Citation Marsh South			X	X					
		20d.2a	Citation Marsh North Channels				X					
		20d.2b	Citation Marsh North Main			WILL NOT BE TREATED IN 2019						
		20e	East Marsh				X					
		20f	North Marsh	8/15						X		
		20g	Bunker Marsh	8/20		X	X	X				
		20h.1	San Lorenzo Creek & Mouth North				X					
		20h.2	San Lorenzo Creek & Mouth South				X					
		20i	Bockmann Channel	7/26			X					
		20j	Sulphur Creek	7/26			X					
		20k	Hayward Landing	7/26			X					
		20l	Johnson's Landing	7/26			X					
		20m	Cogswell Marsh, Quadrant A	8/20			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	8/15						X				
20o	Cogswell Marsh, Quadrant C			X	X	X						

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					Truck	Backpack	Amphibious vehicle	Airboat	Aerial: Broadcast			
		20p	Hayward Shoreline Outliers				X					
		20q	San Leandro Shoreline Outliers				X					
		20r	Oakland Airport Shoreline and Channels				X					
		20s	H.A.R.D. Marsh	8/20			X					
		20t	San Leandro Marina	7/22			X					
		20u	Estudillo Creek Channel	7/8; 7/22	Yes	X	X					
		20v	Hayward Landing Canal	7/26			X					
		20w	Triangle Marsh	7/26			X					
21	Ideal Marsh	21a	Ideal Marsh North	8/9			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	7/25			X		X			
		22d	Stege Marsh				X					
		22e	Hoffman Marsh	4 years with no invasive Spartina (2014-2017)								
		22f	Richmond/ Albany /Pinole Shoreline				X					
23	Marin Outliers	23a	Brickyard Cove				X					
		23b	Beach Drive	8/7			X					
		23c	Loch Lomond Marina				X					
		23d.1	San Rafael Canal Mouth East				X					
		23d.2	San Rafael Canal Mouth West				X					
		23e	Muzzi & Martas Marsh	6/28/19 (COI)			X				X	
		23f	Paradise Cay	No invasive Spartina 2018								
		23g	Greenwood Cove	6/12/19 (COI)								X

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		23h	Strawberry Point				X			X	
		23i	Strawberry Cove	8/7			X				
		23j	Bothin Marsh				X				
		23k	Sausalito	4 years with no invasive Spartina (2015-2018)							
		23l	Starkweather Park	3 years with no invasive Spartina (2016-2018)							
		23m	Novato	3 years with no invasive Spartina (2016-2018)							
		23n	Triangle Marsh & shoreline								X
		23o	China Camp	2 years with no invasive Spartina (2017-2018)							
24	Petaluma River	24a	Upper Petaluma River- Upstream of Grey's Field	8/22			X		X		
		24b	Grey's Field	8/22			X		X		
		24c	Petaluma Marsh	8/22			X		X		
25	Outer Coast	25a	Tom's Point (Tomales Bay)	6/20/19 (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				X				
		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				X			X	
		26c	Sonoma Creek	8/7			X				
		26d	Sonoma Baylands	8 years with no invasive Spartina (2011-2018)							
27	Suisun Bay	27a	Point Buckler	7/19	Yes		X				
		27b	MOTCO Islands	7/19	Yes		X				

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		27c	Honker Bay	7/19	Yes		X				

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