

## Section 1

# Project List and Locations

## 1A. Sediment Removal and Bank Stabilization Project List and Type

The following sediment removal and bank stabilization projects are anticipated for the 2014 maintenance season:

### Zone 1A

- **One Localized Sediment Removal Project at:**
  - Colgan Creek Reach 5C: Downstream from Hearn Avenue
- **Six Reach Scale Sediment Removal Projects at:**
  - Forestview Creek Reaches 2 and 3: Between Fulton Road and Guerneville Road
  - Hinebaugh Creek Reaches 3B, 4, 5A and 5C: Highway 101 to County Club Drive
  - South Fork Copeland Creek Reach 1: Southwest Blvd. to Coral Ct., along railroad tracks
  - Starr Creek Reach 2: Railroad tracks to Oak Park Street
  - Steele Creek Reach 1B: Between Marlow Road and Gamay Street
  - Steele Creek Reach 2: Between Marlow Road and Ridley Avenue
- **Six Sediment Basin/Instream Basin Clearings at:**
  - Cook Creek Reach 2: East of Petaluma Hill Road
  - Copeland Creek 2: East of Commerce Boulevard
  - Copeland Creek Reaches 3 and 4: Above and below Country Club Drive
  - Copeland Creek Reaches 4 and 5: Above and below Snyder Lane
  - Five Creek Reach 1: Downstream from Snyder Lane
  - Wilfred Creek Reach 1C: Downstream from Snyder Lane
- **Six Reservoir Inlet Clearings at:**
  - Brush Creek Reservoir

- Matanzas Creek Reservoir
- Piner Creek Reservoir
- Santa Rosa Creek Reservoir (Spring Lake)
- Santa Rosa Creek Diversion Structure: upstream of Santa Rosa Creek Reservoir
- Fish Ladder in Santa Rosa Diversion Structure: upstream of Santa Rosa Creek Reservoir

## Zone 2A

### ■ Two Reach Scale Sediment Removal Projects at:

- McDowell Creek Reach 2B: Caulfield Lane to confluence with East Fork McDowell Creek
- Washington Creek Reach 2: Madison Street to Holly Lane

### ■ Three In-stream Basin Clearings at:

- Adobe Creek Reaches 1 and 2: above and below S. McDowell Boulevard
- Washington Creek Reach 1: Downstream of Holly Lane
- Washington Creek Reach 3: Upstream of Madison Street

### ■ One Bank Repair at the following location:

- East Washington Creek Reach 3: Downstream of Ely Boulevard between Stations 34+00 and 35+00

## Zone 3A

### ■ One Reach Scale Sediment Removal Project at:

- Nathanson Creek Bypass Reach 1: Fine Avenue to Dewell Drive

## 1B. Sediment Removal and Bank Stabilization Project Site Locations and Other Geographic Information

The following table presents location and geographic information for each of the 2014 project sites.

**Table 1-1: Location and Other Geographic Information for Project Sites**

Project Site	Creek	Tributary To	SMP Reach	USGS Quad, Township, Range, Section	Latitude/ Longitude
<b>ZONE 1A</b>					
<b><i>Localized Scale Sediment Removal Projects</i></b>					
Colgan Creek Hearn Ave south to concrete banks	Colgan Creek	Laguna de Santa Rosa	Colgan 5C	Santa Rosa Quad, T7N, R8W, Section 35	38.413 N, -122.721 W
<b><i>Reach Scale Sediment Removal Projects</i></b>					
Forestview Creek from Fulton Rd to Guerneville Rd	Forestview Creek	Peterson Creek	Forestview 2 and 3	Sebastopol Quad, T7N, R8W, Section 17 and 18	38.454 N, -122.775 W
Hinebaugh Creek Hwy 101 to Country Club Dr	Hinebaugh Creek	Laguna de Santa Rosa	Hinebaugh 3B, 4, 5A and 5C	Cotati Quad, T6N, R8W, Section 23 and 24	38.351 N, -122.708 W
South Fork Copeland Creek Southwest Blvd to Coral Ct	South Fork Copeland Creek	Copeland Creek	South Fork Copeland 1	Cotati Quad, T6N, R8W, Section 25	38.337 N, -122.695 W
Starr Creek from railroad tracks to Oak Park St	Starr Creek	Windsor Creek	Starr 2	Healdsburg Quad, T8N, R9W, Section 11	38.55 N, -122.821 W
Steele Creek between Marlow Rd and Gamay St	Steele Creek	Piner Creek	Steele 1B	Santa Rosa Quad, T7N, R8W, Section 16	38.45 N, -122.456 W
Steele Creek between Marlow Rd and Ridley Ave	Steele Creek	Piner Creek	Steele 2	Santa Rosa Quad, T7N, R8W, Section 16	38.45 N, -122.749 W
<b><i>In-stream Sediment Basin Removal Projects</i></b>					
Cook Creek Basin east of Petaluma Hill Rd	Cook Creek	Coleman Creek	Cook 2	Cotati Quad, T6N, R7W, Section 18	38.364 N, -122.675 W
Copeland Creek at Commerce Boulevard	Copeland Creek	Laguna de Santa Rosa	Copeland 2	Cotati Quad, T6N, R8W, Section 26	38.343 N, -122.712
Copeland Creek at Country Club Drive	Copeland Creek	Laguna de Santa Rosa	Copeland 3 & 4	Cotati Quad, T6N, R8W, Section 25	38.343 N, -122.69 W
Copeland Creek at Snyder Ln	Copeland Creek	Laguna de Santa Rosa	Copeland 4 & 5	Cotati Quad, T6N, R8W, Section 25	38.343 N, -122.685 W

Project Site	Creek	Tributary To	SMP Reach	USGS Quad, Township, Range, Section	Latitude/ Longitude
Five Creek at Snyder Ln	Five Creek	Crane Creek	Five 1	Cotati Quad, T6N, R8W, Section 13	38.361 N, -122.685 W
Wilfred Creek at Snyder Ln	Wilfred Creek	Bellevue-Wilfred Creek	Wilfred 1C	Cotati Quad, T6N, R8W, Section 13	38.371 N, -122.686 W
<b>Reservoir Inlet Clearing Projects</b>					
Brush Creek Reservoir	Brush Creek	Santa Rosa Creek	N/A	Santa Rosa Quad, T7N, R7W, Section 6	38.487 N, -122.671 W
Matanzas Creek Reservoir	Matanzas Creek	Santa Rosa Creek	N/A	Santa Rosa Quad, T7N, R7W, Section 32	38.405 N, -122.652 W
Piner Creek Reservoir	Paulin Creek	Santa Rosa Creek	N/A	Santa Rosa Quad, T7N, R8W, Section 11	38.466 N, -122.706 W
Santa Rosa Creek Reservoir (Spring Lake)	Santa Rosa Creek	N/A	N/A	Santa Rosa Quad, T7N, R7W, Section 17	38.46 N, -122.654 W
Santa Rosa Creek Diversion	Santa Rosa Creek	Laguna de Santa Rosa	Santa Rosa Div. 1	Santa Rosa Quad T7N, R7W	38°27'25.86"N 122°38'23.36"W
Fish Ladder in Santa Rosa Creek Diversion Structure	Santa Rosa Creek	Spring Lake	Santa Rosa Div. 1	Santa Rosa Quad, T7N, R7W, Section 17	38.46 N, -122.654 W
<b>ZONE 2A</b>					
<b>Reach Scale Sediment Removal Projects</b>					
McDowell Creek Caulfield Ln to East Fork McDowell Creek	McDowell Creek	Petaluma River	McDowell 2B	Petaluma River Quad, T5N, R7W, Section 34	38.236 N, -122.619 W
Washington Creek Madison St to Holly Ln	Washington Creek	Petaluma River	Washington 2	Petaluma Quad, T5N, R7W, Section 28	38.246 N, -122.634 W
<b>In-stream Sediment Basin Clearing Projects</b>					
Adobe Creek above and below S. McDowell Blvd	Adobe Creek	Petaluma River	Adobe 1 and 2	Petaluma River Quad, T5N, R7W, Section 33	38.232 N, -122.599 W
Washington Creek downstream of Holly Ln	Washington Creek	Petaluma River	Washington 1	Petaluma Quad, T5N, R7W, Section 28	38.246 N, -122.635 W
Washington Creek upstream of Madison St	Washington Creek	Petaluma River	Washington 3	Petaluma Quad, T5N, R7W, Section 28	38.246 N, -122.633 W
<b>Bank Repair Projects</b>					
East Washington Creek between STA 34+00 - 35+00	East Washington Creek	Washington Creek	East Washington 3	Glen Ellen Quad, T5N, R7W, Section 26 and 27	38.253 N, -122.61 W

Project Site	Creek	Tributary To	SMP Reach	USGS Quad, Township, Range, Section	Latitude/ Longitude
<b>ZONE 3A</b>					
<b><i>Reach Scale Sediment Removal Projects</i></b>					
Nathanson Creek Bypass Fine Ave to Dewell Dr	Nathanson Creek	Schell Creek	Nathanson 1	Sonoma Quad, T5N, R5W, Section 18	38.278 N, -122.457 W

## 1C. Sediment Removal and Bank Repair Project Settings and Resources

### Channel Characterization Sheets and Site Photos

Channel characterization sheets for the 2014 project sites were developed for, and included in, Chapter 4 of the Stream Maintenance Program (SMP) Manual. The channel characterization sheets contained within the Manual provide baseline information on the maintenance reach's setting, physical processes, geomorphic conditions, biologic conditions, and management considerations. The channel characterization sheets also include photographs depicting typical conditions of the reach. Program reviewers are directed to view the reach characterization sheets in the Manual (Chapter 4) to provide an overview of reach conditions.

Current photographs showing the specific location of maintenance activities for the 2014 project sites are provided in Appendix A.

### Potential Habitat for Listed Species

Based on possible listed species occurrences, Table 1-2 below indicates which of the applicable species-specific Best Management Practices (BMPs) (identified in Table 7-1 of the SMP Manual) that will be applied when conducting maintenance activities. Specifically, the BMPs which will be applied according to maintenance activity type are listed in Table 1-2. This table is an excerpt of Table 7-2 from the SMP Manual. Maps displaying the project location relative to known biological resources (California Natural Diversity Database) (CNDDDB) are included in Appendix B.

Table 1-3 presents habitat potential for listed species by reach. As shown in Table 1-3, none of the project reaches are known to support or provide suitable habitat for California freshwater shrimp, Central California Coast Coho salmon, or California Coastal Chinook salmon. Thirteen project sites (Adobe 1 and 2, Copeland 2, 3, 4, and 5, Hinebaugh 3B, 4, 5A and 5C, Santa Rosa Creek Reservoir, Santa Rosa Creek Diversion/Fish Ladder, and Washington 1) provide potential habitat or there is a known occurrence, at or adjacent to the reach for Central California Coast Steelhead. Additionally, all of the project sites show potential habitat for the Western Pond Turtle, with the exception of Nathanson Bypass 1.

Several project reaches may provide potential upland aestivation habitat for California Tiger Salamander (CTS), specifically: Colgan 5C, Copeland 2, 3, 4, and 5, Hinebaugh 3B, 4, 5A and 5C,

South Fork Copeland 1, and Wilfred 1C. CTS BMPs BR-12, BR-13, and BR-14 will be implemented for vegetation management activities and ground disturbing projects in these areas. Additional information regarding potential effects on California tiger salamander, areas of disturbance and compensatory mitigation can be found in Section 3C of this notification.

Maintenance areas proposed for 2014 potentially supporting California red-legged frog include Adobe 1 and 2, Brush Creek Reservoir, Cook 2, East Washington 3, Matanzas Creek Reservoir, McDowell 2B, Nathanson Creek Bypass 1, Piner Creek Reservoir, Santa Rosa Creek Reservoir, Santa Rosa Creek Diversion/Fish Ladder, and Starr 2. Furthermore, Cook 2, Copeland 5 and the Santa Rosa Creek Diversion/Fish Ladder may include potential habitat for Foothill yellow-legged frog. Finally, none of the anticipated 2014 maintenance reaches have the potential to support special-status plant species.

**Table 1-2: Best Management Practices by Activity**

BMP	Name	Sediment Removal	Bank Stabilization	Vegetation Management							Other Activities	
				Willow Removal	Blackberry Removal	Cattail Removal	Tree Pruning and Exotics Removal	Tree Removal and Relocation	Mowing	Nursery Stock Tree Planting	Reservoir Debris Removal	Sediment Disposal
<b>General Impact Avoidance and Minimization</b>												
GEN-1	Work Window	X	X	X	X	X	X	X	X	X	X	X
GEN-2	Staging and Stockpiling of Materials	X	X	X	X	X	X	X	X	X	X	X
GEN-3	Channel Access	X	X	X	X	X	X	X	X	X	X	X
<b>Air Quality Protection</b>												
AQ-1	Dust Management	X	X	X	X	X	X	X	X	X	X	X
AQ-2	Enhanced Dust Management	X	X	X	X	X	X	X	X	X	X	X
<b>Biological Resources Protection</b>												
BR-1	Area of Disturbance	X	X	X	X	X	X	X	X	X	X	X
BR-2	Pre-maintenance Educational Training	X	X	X	X	X	X	X	X	X	X	X
BR-3	Biotechnical Bank Stabilization		X									
BR-4	Impact Avoidance and Minimization During Dewatering	X	X									
BR-5	Fish and Amphibian Species Relocation Plan	X	X									
BR-6	On-Call Wildlife Biologist	X	X	X	X	X	X	X	X	X	X	X
BR-7	Special Status Plants	X	X	X	X	X	X	X	X	X	X	X
BR-8	Nesting Migratory Bird and Raptor Pre-maintenance Surveys	X	X	X	X	X	X	X	X	X	X	X
BR-10	California Red-legged Frog Avoidance and Impact Minimization Measures for Ground-Disturbing Activities	X	X								X	X
BR-11	California Red-legged Frog Avoidance and Impact Minimization for Vegetation Management			X	X	X	X	X	X	X		
BR-12	California Tiger Salamander Avoidance and Impact Minimization Measures for Sediment and Debris Removal	X		X		X					X	X

BMP	Name	Sediment Removal	Bank Stabilization	Vegetation Management							Other Activities		
				Willow Removal	Blackberry Removal	Cattail Removal	Tree Pruning and Exotics Removal	Tree Removal and Relocation	Mowing	Nursery Stock Tree Planting	Reservoir Debris Removal	Sediment Disposal	
BR-13	California Tiger Salamander Avoidance and Impact Minimization Measures for Bank Stabilization		X										
BR-14	California Tiger Salamander Avoidance and Impact Minimization Measures for Vegetation Management			X	X		X	X	X	X		X	
BR-15	Foothill Yellow-legged Frog Avoidance and Impact Minimization Measures for Ground-Disturbing Activities	X	X									X	X
BR-16	Foothill Yellow-legged Frog Avoidance and Impact Minimization Measures for Vegetation Management			X	X	X	X	X	X	X			
BR-17	Western Pond Turtle Pre-maintenance Surveys for Ground-Disturbing Activities	X	X	X	X	X	X	X	X	X		X	
BR-18	Zone 1A Salmonid Avoidance and Impact Minimization Measures	X	X	X		X				X			
<b>Cultural Resources Protection</b>													
CR-2	Cultural Resources Investigation		X										
CR-3	Previously Undiscovered Cultural Resources	X	X	X	X	X	X	X	X	X		X	X
CR-4	Previously Undiscovered Palentological Resources	X	X	X	X	X	X	X	X	X		X	X
CR-5	Staff Cultural Resources Training	X	X	X	X	X	X	X	X	X		X	X
CR-7	Ecosystem Restoration Program			X	X	X	X	X	X	X			
<b>Hazardous Materials Safety</b>													
HAZ-1	Spill Prevention and Response Plan	X	X	X	X	X	X	X	X	X		X	X
HAZ-2	Equipment and Vehicle Maintenance	X	X	X	X	X	X	X	X	X		X	X
HAZ-3	Equipment and Vehicle Cleaning	X	X	X	X	X	X	X	X	X		X	X
HAZ-4	Refueling	X	X	X	X	X	X	X	X	X		X	X
HAZ-5	On-Site Hazardous Materials Management	X	X	X	X	X	X	X	X	X		X	X
HAZ-6	Existing Hazardous Sites or Waste	X	X	X	X	X	X	X	X	X		X	X
HAZ-7	Fire Prevention	X	X	X	X	X	X	X	X	X		X	X

BMP	Name	Sediment Removal	Bank Stabilization	Vegetation Management							Other Activities		
				Willow Removal	Blackberry Removal	Cattail Removal	Tree Pruning and Exotics Removal	Tree Removal and Relocation	Mowing	Nursery Stock Tree Planting	Reservoir Debris Removal	Sediment Disposal	
HAZ-8	Testing and Disposal of Spoils	X	X									X	X
<b>Vegetation Management</b>													
VEG-1	Removal of Existing Vegetation	X	X	X			X	X		X			
VEG-2	Use of Herbicides			X	X	X	X	X					
VEG-3	Planting and Revegetation After Soil Disturbance	X	X				X	X		X			
<b>Water Quality and Channel Protection</b>													
WQ-1	Apply Erosion Control Fabric to or Hydroseeding of Exposed Soils	X	X	X	X	X	X	X				X	X
WQ-2	Prevent Scour Downstream of Sediment Removal	X											
WQ-3	In-Channel Grading	X	X										
<b>Good Neighbor Policies</b>													
GN-1	Work Site Housekeeping	X	X	X	X	X	X	X	X	X		X	X
GN-2	Public Outreach	X	X	X	X	X	X	X	X	X		X	X
GN-3	Noise Control	X	X	X	X	X	X	X	X	X		X	X
GN-4	Traffic Flow, Pedestrians, and Safety Measures	X	X	X	X	X	X	X	X	X		X	X
GN-5	Odors	X	X									X	X

**Table 1-3: Habitat Potential for Listed Species by Reach**

Reach	Listed Species								
	California Freshwater Shrimp	California Red-legged Frog	California Tiger Salamander*	Foothill Yellow-legged Frog	Western Pond Turtle	Central California Coast Steelhead	Central California Coast Coho	California Coastal Chinook	Plants
<b>ZONE 1A</b>									
<i>Localized Scale Sediment Removal Projects</i>									
Colgan 5C	U	U	1(2026.6); 2(5693.9)	U	P	U	U	U	U
<i>Reach Scale Sediment Removal Projects</i>									
Forestview 2	U	U	U	U	P	U	U	U	U
Forestview 3	U	U	U	U	P	U	U	U	U
Hinebaugh 3B	U	U	2(1450.1); 3(142.7)	U	P	P(M)	U	U	U
Hinebaugh 4	U	U	3	U	P	P(M)	U	U	U
Hinebaugh 5A	U	U	3	U	P	P(M)	U	U	U
Hinebaugh 5C	U	U	3	U	P	P(M)	U	U	U
South Fork Copeland 1	U	U	3	U	P	U	U	U	U
Starr 2	U	P	U	U	P	U	U	U	U
Steele 1B	U	U	U	U	P	U	U	U	U
Steele 2	U	U	U	U	P	U	U	U	U
<i>In-stream Sediment Basin Projects</i>									
Cook 2	U	P	U	P	P	U	U	U	U
Copeland 2	U	U	3	U	P	O(M)	U	U	U
Copeland 3	U	U	3	U	P	O(M/R)	U	U	U
Copeland 4	U	U	3	U	P	O(M)	U	U	U
Copeland 5	U	U	3	P	P	O(M/R)	U	U	U
Five 1	U	U	U	U	P	U	U	U	U
Wilfred 1C	U	U	3(6025.9)	U	P	U	U	U	U
<i>Reservoir Inlet Clearing Projects</i>									
Brush Creek Reservoir	U	P	U	U	P	U	U	U	U
Matanzas Creek Reservoir	U	P	U	U	P	U	U	U	U
Piner Creek Reservoir	U	P	U	U	P	U	U	U	U
Santa Rosa Creek Reservoir	U	P	U	U	P	P	U	U	U
Santa Rosa Div. 1	U	P	U	P	P	O*	U	U	U

Reach	Listed Species								
	California Freshwater Shrimp	California Red-legged Frog	California Tiger Salamander*	Foothill Yellow-legged Frog	Western Pond Turtle	Central California Coast Steelhead	Central California Coast Coho	California Coastal Chinook	Plants
<b>ZONE 2A</b>									
<b>Reach Scale Sediment Removal Projects</b>									
McDowell 2B	U	P	U	U	P	U	U	U	U
Washington 2	U	P	U	U	P	U	U	U	U
<b>In-stream Sediment Basin Clearing Projects</b>									
Adobe 1	U	P	U	U	P	O(M)	U	U	U
Adobe 2	U	P	U	U	P	O(M)	U	U	U
Washington 1	U	P	U	U	P	O*	U	U	U
Washington 3	U	P	U	U	P	U	U	U	U
<b>Bank Repair Projects</b>									
East Washington 3	U	P	U	U	P	U	U	U	U
<b>ZONE 3A</b>									
<b>Reach Scale Sediment Removal Projects</b>									
Nathanson 1	U	P	U	U	U	U	U	U	U

Source: SMP Manual Table 7-3 as updated by the BO processes and new data (March 2012)

**Legend**

- O Known occurrence in reach
- O\* Presence documented within adjacent reach or tributary; not applicable for fish if known barrier or reach goes dry
- P Potential habitat (includes areas rated potential or marginal)
- M Migration corridor (fish only)
- S Known or potential spawning habitat (fish only)
- R Known or potential rearing habitat (fish only)
- U Unsuitable habitat, unlikely to occur and/or no known occurrence

**CTS Habitat Rankings\***

- 1 - Within 500 ft of a known occurrence
- 2 - Between 500ft-2200ft of a known occurrence
- 3 - Between 2200 ft and 1.3 mi of a known occurrence
- 4 - Greater than 1.3 mi, but within SRPCS range (no mitigation required)

\*Parentheses following CTS habitat ranks notate distance (in feet) of each rank for reaches with more than one CTS ranking

## 1E. Vegetation Management Activities

During the 2014 maintenance season, vegetation maintenance will include tree and brush thinning, and removal of exotic species and other vegetation blockages to improve hydraulic capacity and retain or enhance appropriate habitat. Vegetation maintenance will be completed according to Appendix E of the SMP Manual (*Vegetation Management Plan*) as well as the associated terms and conditions of all programmatic permits and biological opinions.

For 2014, vegetation maintenance will be completed in the locations as shown below. Note that maintenance generally occurs in only a portion of the identified reach, not the entire reach length. An addendum will be sent out in August to supplement this list if any subsequent requests for vegetation management are made for areas not shown below. The submission and approval of such an addendum is specified in the CDFW Streambed Alteration Agreement (No. 1600-2009-0399-R3) for the SMP.

**Table 1-4. 2014 Vegetation Management Activities**

Reach	Vegetation Management Activity		
	<i>Blackberry Management (Mowing, Hand Removal, Herbicide Treatment)</i>	<i>Exotics Management (Hand Removal, Herbicide Treatment)</i>	<i>Willow Pruning</i>
<b>Engineered Channels</b>			
<b>Zone 1A</b>			
Abramson 1			X
Airport 1			X
Airport 2			X
Bellevue Wilfred 1	X		
Bellevue Wilfred 2	X		
Bellevue Wilfred 3	X		
Bellevue Wilfred 4	X		
Brush 1			X
Brush 2A			
Brush 2B			
Coleman 2			X
Colgan 1	X		X
Colgan 2	X		X
Colgan 3	X		
Colgan 4	X		
Colgan 5A	X		X
Colgan 6			X
Colgan 7			X
College 1	X	X	
College 2	X	X	
College 3	X	X	
Cook 1	X	X	X
Cook 2			X
Copeland 3			X
Copeland 4			X
Copeland 5			X
Crane 2			
Ducker 1	X	X	X
Ducker 2			
Five 1	X	X	
Forestview 1			
Forestview 2			
Forestview 3			
Hinebaugh 1			X

Reach	Vegetation Management Activity		
	<i>Blackberry Management (Mowing, Hand Removal, Herbicide Treatment)</i>	<i>Exotics Management (Hand Removal, Herbicide Treatment)</i>	<i>Willow Pruning</i>
Hinebaugh 2			X
Hunter 1			
Hunter 2			
Kawana 1B			
Laguna 2			X
Matanzas 1	X	X	X
Paulin 1			X
Paulin 2			X
Paulin 5	X	X	
Peterson 1			
Peterson 2			
Piner 2B			X
Piner 3A			X
Piner 4	X	X	
Piner 5	X	X	
Piner 6			X
Piner 7			X
Roseland 1			X
Roseland 1A			X
Roseland 2			X
Russell 1A			
Russell 1B			
Russell 2			X
Santa Rosa 1	X		X
Santa Rosa 2	X		X
Santa Rosa 3	X		X
Santa Rosa 4	X		X
S. Fork Copeland 1	X		X
S. Fork Copeland 2	X		X
Spring 3	X		X
Starr 1			
Starr 2			
Steele 2	X	X	X
Steele 5	X	X	X
Todd 1			
Todd 2			
Todd 5B			X
<b>ZONE 2A</b>			
Adobe 1	X		X
Capri 1			X
Capri 2			X
Capri 3			X
Capri 4			X
Corona 1	X		

Reach	Vegetation Management Activity		
	<i>Blackberry Management (Mowing, Hand Removal, Herbicide Treatment)</i>	<i>Exotics Management (Hand Removal, Herbicide Treatment)</i>	<i>Willow Pruning</i>
Corona 4			X
Corona 5			X
Corona 6			X
Corona 7			X
East Washington 4			X
East Washington 5			X
Lichau 1	X		X
Lichau 2	X		X
Lichau 3A	X		X
Lichau 3B	X		X
Lichau 3C	X		X
Lichau 3D	X		X
Washington 7			X
<b>Zone 6A</b>			
West Slough 1	X		X
<b>Modified and Natural Channels</b>			
<b>Zone 1A</b>			
Irwin 1	X		X
Irwin 2	X		X
Oakmont 1	X		X
Oakmont 2	X		X
Oakmont 3	X		X
Oakmont 4	X		X
Oakmont 5	X		X
San Antonio 0A	X		X
San Antonio 0B	X		X
San Antonio 1	X		X
San Antonio 2	X		X
San Antonio 3	X		X
Spring 1	X		X
Spring 2	X		X
<b>Zone 2A</b>			
Lichau 5	X		X
Lichau 6	X		X
Lichau 7	X		X
Lichau 8	X		X
Petaluma River 0A	X		X
Petaluma River 0B	X		X
Petaluma River 0C	X		X
Petaluma River 1	X		X
Petaluma River 2	X		X
Petaluma River 3	X		X
Petaluma River 4	X		X
<b>Zone 3A</b>			

Reach	Vegetation Management Activity		
	<i>Blackberry Management (Mowing, Hand Removal, Herbicide Treatment)</i>	<i>Exotics Management (Hand Removal, Herbicide Treatment)</i>	<i>Willow Pruning</i>
Lawndale 0	X		X
Lawndale 1	X		X
Lawndale 2	X		X
Nathanson 0	X		X
Nathanson 0A	X		X
Nathanson 2	X		X
Nathanson 3	X		X
Nathanson 4	X		X
Nathanson 5	X		X
Nathanson 6	X		X
Nathanson 7	X		X
Nathanson 8	X		X
Nathanson 9	X		X
Rodgers 0	X		X
Rodgers 0A	X		X
Rodgers 1	X		X
Rodgers 1A	X		X
Rodgers 1B	X		X
Rodgers 2	X		X
<b>Zone 5A</b>			
Fife 0	X		X
Fife 0A	X		X
Fife 0B	X		X
Fife 0C	X		X
Fife 0D	X		X
Fife 0E	X		X
Fife 1	X		X
Fife 2	X		X