



## **COLMA CREEK CITIZENS ADVISORY COMMITTEE MEETING**

**Tuesday, June 11, 2024, at 3:00 pm**

**IN-PERSON MEETING WITH  
REMOTE PUBLIC PARTICIPATION AVAILABLE**

This meeting will be held **in-person** at:

**Colma Town Hall, located at 1198 El Camino Real, Colma, CA, 94014**

For members of the public wishing to attend remotely, please use the following link:

[OneShoreline-org.zoom.us/j/81939317662](https://www.oneshoreline.org/zoom.us/j/81939317662)

or call 669-444-9171 (Meeting ID# 819 3931 7662)

### **AGENDA**

- I. Roll Call
- II. Public Comment
- III. Action to Set the Agenda and Approve the Consent Agenda
  - a. Approve minutes of the March 12, 2024 meeting
- IV. Update on Colma Creek Flood Zone Projects and Maintenance Activities
- V. Adjournment

NEXT MEETING: Tuesday, September 10, 2024, 3:00 pm

San Mateo County Flood and Sea Level Rise Resiliency District  
Colma Creek Citizens Advisory Committee

Meeting Minutes  
Tuesday, March 12, 2024

**AGENDA**

**CALL TO ORDER**

Helen Fisicaro called to order the regular meeting of the Colma Creek Citizens Advisory Committee on Tuesday, March 12, 2023; In-person and on Zoom.

**I. ROLL CALL**

Members:

Present	Absent	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Helen Fisicaro, Chair – Town of Colma
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Marty Medina – City of San Bruno
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sue Vaterlaus – City of Pacifica
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Raymond Buenaventura – City of Daly City
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gail DeFries, Member at Large – City of Daly City
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ed Bortoli, Member at Large – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ryan Mayfield, Member at Large – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lissette Morales, Member at Large – City of South San Francisco

Staff:

Present	Absent	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Colin Martorana – OneShoreline
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Makena Wong – OneShoreline
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Johnathan Perisho – OneShoreline
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Brad Donohue – Town of Colma
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Daniel Barros – Town of Colma
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Richard Chiu – City of Daly City
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mark Chow – County of San Mateo
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ann Stillman – County of San Mateo
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Kim Santos – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Len Materman – OneShoreline
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dave Pine – County of San Mateo
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Eunejune Kim – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Matthew Ruble – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Alex Henry – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Michael Barber – County of San Mateo

**II. Public Comment**

No comments from the public.

**III. Action to Set the Agenda and Approve the Consent Agenda**

Approval of minutes of the December 11, 2023 meeting

**IV. Update on Colma Creek Flood Zone Projects and Maintenance Activities**

- Colin Martorana provided project updates on several projects, including the Channel Discharge Pipe Repair/Replacement Project, Maintenance Activities, Conditions

Assessment; and Caltrans Reconnecting Communities Grant to Connect 4SSF Project;  
Johnathan Perisho gave update on Restoration and Adaptation Project

- Eunejune Kim, Helen Fisicaro, Brad Donohue, and Ann Stillman made comments on Restoration and Adaptation Project concerning anticipated costs (still pending), and need for more information regarding hydrology assessment and sediment management
- Helen, Brad, Lissette Morales, and Eunejune had questions regarding Caltrans Reconnecting Communities Grant, details will be shared when available
- Eunejune Kim gave presentation on Orange Memorial Park Storm Water Capture Project Lessons Learned; Helen, Colin, Lissette, and Brad asked clarifying questions, photos and estimated volume infiltrated requested
- Helen, Brad, and Mark Chow spoke about project list, and Helen asked for a more comprehensive breakdown of current and planned projects
- Sue Vaterlaus and Ryan Mayfield reappointed

V. **ADJOURNMENT**

The meeting adjourned.

**NEXT MEETING**

Tuesday, June 11, 2024, 3:00 p.m.

## Colma Creek Citizens Advisory Committee Meeting

Tuesday, June 11, 2024, 3:00 pm

### Status of the Colma Creek Flood Zone Projects and Maintenance Activities

A reference map of all Colma Creek Flood Zone Projects and Maintenance Activities (Appendix A), as well as the most current estimated Flood Zone Budget (Appendix B), is enclosed. Questions on any of the material referenced below can be discussed at this Committee meeting.

**Status of Projects:** Non-recurring large planning or construction efforts led by the San Mateo County Flood and Sea Level Rise Resiliency District (“OneShoreline”) or by the County Department of Public Works on behalf of OneShoreline.

#### 1. Channel Discharge Pipe Repair/Replacement Project between U.S. Highway 101 and Utah Avenue

This project repairs and/or replaces 15 deteriorated discharge pipes that drain to lower Colma Creek, between Utah Avenue and U.S. 101. The improvements include the installation of pre-cast concrete headwalls, rock slope protection, and one-way valves (called flap gates) at the outfalls of the rehabilitated drainage systems which further protect this low-lying community, notably from sunny-day flooding resulting from high tides.

The County, on behalf of OneShoreline, contracted with Granite Rock Company (“GRC”) to complete construction of the Project. Construction began in September of last year, with work focused on the area furthest downstream most influenced by tidal fluctuation. Work will resume in August, in compliance with the Project’s environmental regulatory provisions, and is anticipated to be completed this year.

#### 2. Colma Creek Adaptation Improvements

A range of potential improvements are being considered in three areas of Colma Creek for channel stability, long-term resilience, and public benefits. Proposed options will be dependent on study, interagency and stakeholder engagement, and planning and design efforts.

##### a. Orange to Spruce Avenue

The ongoing Colma Creek Conditions Assessment (District Maintenance Activity 1c) has already identified settlement on the north bank of the Creek channel between Orange Avenue and Spruce Avenue within the City of South San Francisco jurisdiction. This reach was also a focus of the Hassell 2020 Colma Creek Adaptation Plan and falls within an area being considered for a Caltrans Reconnecting Communities Grant. As evaluation efforts continue OneShoreline will consider near and long-term opportunities for resilience.

##### b. Produce Avenue

Immediately upstream and downstream of Produce Avenue on the north bank structural damage to the flood wall has been observed. OneShoreline will be exploring feasibility and suitability of options to realize optimal flood management and natural infrastructure.

##### c. Open Space and Habitat

Downstream of Airport Boulevard to the Bay Trail improvements are being considered at key locations for open space access and habitat benefits based on the Hassell 2023 Restoration and Adaptation Project.

#### 3. San Mateo County Transportation Authority Connect 4 South San Francisco

On April 26, 2024 OneShoreline staff together with Caltrans, San Mateo County Transportation Authority, and South San Francisco staff participated in a preliminary walk of areas being considered for improvements through a Caltrans Reconnecting Communities Grant. At this time no further determinations have been made on potential scope or award and any updates will be shared in future meetings.

**Status of Maintenance Activities:** Recurring activities to maintain the existing Colma Creek channel, led by OneShoreline or by the County Department of Public Works on behalf of OneShoreline.

## **1. Colma Creek Operations & Maintenance**

### *a. Maintenance Permits (August 28, 2023 – March 14, 2026)*

No updates. Permits are all up to date and active.

- U.S. Army Corps of Engineers (USACE) Nationwide Permit, valid to March 14, 2026, unless the Permit is modified, suspended or revoked.
- The San Francisco Bay Regional Water Quality Control Board (Regional Board) 401 Certification has no expiration date but was issued under the USACE permit so is subject to the same expiration date of the Nationwide Permit valid dates listed above.
- California Dept. of Fish & Wildlife (CDFW) Lake and Streambed Alteration Agreement (expires 12/31/26)

### *b. Maintenance and Minor Repairs*

The quarterly inspection of the Colma Creek Flood Control Channel was performed on May 23-24, 2024, by staff from the County, the City of South San Francisco, and OneShoreline. Photos documenting the inspection observations are included in Appendix B.

The County in coordination with OneShoreline has identified and finalized the list of maintenance work planned for the 2024 season (typically June through October), and the 2024 notification report was submitted to the appropriate agencies on May 20, 2024. The below list also includes items that were identified for the 2023 season but were not completed due to time constraints:

1. Bank vegetation management (various locations);
2. Culvert replacement between S. Airport Boulevard and Utah Avenue;
3. Sediment dredging between Caltrain tracks and Produce Avenue;
4. Culvert outfall spalling repairs between Spruce and Orange Avenues;
5. Weep-hole vegetation and debris removal (various locations);
6. Fence repair and debris removal (various locations).

Items #1, #6 may be performed by the City and Town of Colma staff or their contractors throughout the year under their Maintenance Agreements with OneShoreline. Item #6 is intended to also remove an illegally constructed skate park and discarded debris, such as shopping carts, bikes, tree branches, etc., encountered during the various work.

### *c. Colma Creek Conditions Assessment*

The County of San Mateo on behalf of OneShoreline contracted with Schaaf & Wheeler to inspect and assess the condition of the Colma Creek concrete-lined channel from the South San Francisco BART station to the dissipater teeth at Spruce Avenue in 2023. Preliminary findings of assessment report included a recommendation to undertake a geotechnical investigation of the settlement observed on the north bank of the channel between Orange Avenue and the dissipater teeth. Schaaf & Wheeler has provided a scope of work for the subsequent geotechnical investigation for a not-to-exceed fee of \$89,562. County and OneShoreline are currently reviewing the scope of work and proposal.

## **2. Illegal Dumping/Encampments**

The homeless encampment sites downstream of Utah Avenue remain clear of new encampments. Trash and illegal dumping were observed along the channel banks between Utah Avenue and South Airport Boulevard. No active homeless encampment activities were observed under the S. Airport Blvd. and Produce Ave. bridges. OneShoreline is exploring the use of contractors to perform trash pickup since the County Sheriff Work Program (SWP) is no longer available.

## **3. Mitigation Site Maintenance**

County staff in coordination with OneShoreline hosted a student volunteer habitat mitigation and cleanup day at the sites downstream of the mouth of Colma Creek. County staff and a group of students

from Alta Loma Middle School of South San Francisco braved the wind and the rain on Saturday, April 13, 2024 and planted 70 native plants and removed 0.5 cubic yards of trash from mitigation site 3. The City of South San Francisco’s Environmental Compliance Program did not host an Earth Day event at Colma Creek this year. The next opportunity for a coordinated cleanup event will be on Coastal Clean Up Day, on September 21st. The location of trash removal will be determined on day of the event.

<b>Year</b>	<b>Trash Removed in cubic yards</b>	<b>Event Dates</b>
2024	0.63	4/13
Total (2005-2024)	728.09	

**4. Maintenance Agreements**

**Status of Non-District Projects:** Major efforts in the Colma Creek Flood Zone that are not led by OneShoreline.

**1. Regional Stormwater Capture Project at Orange Memorial Park**

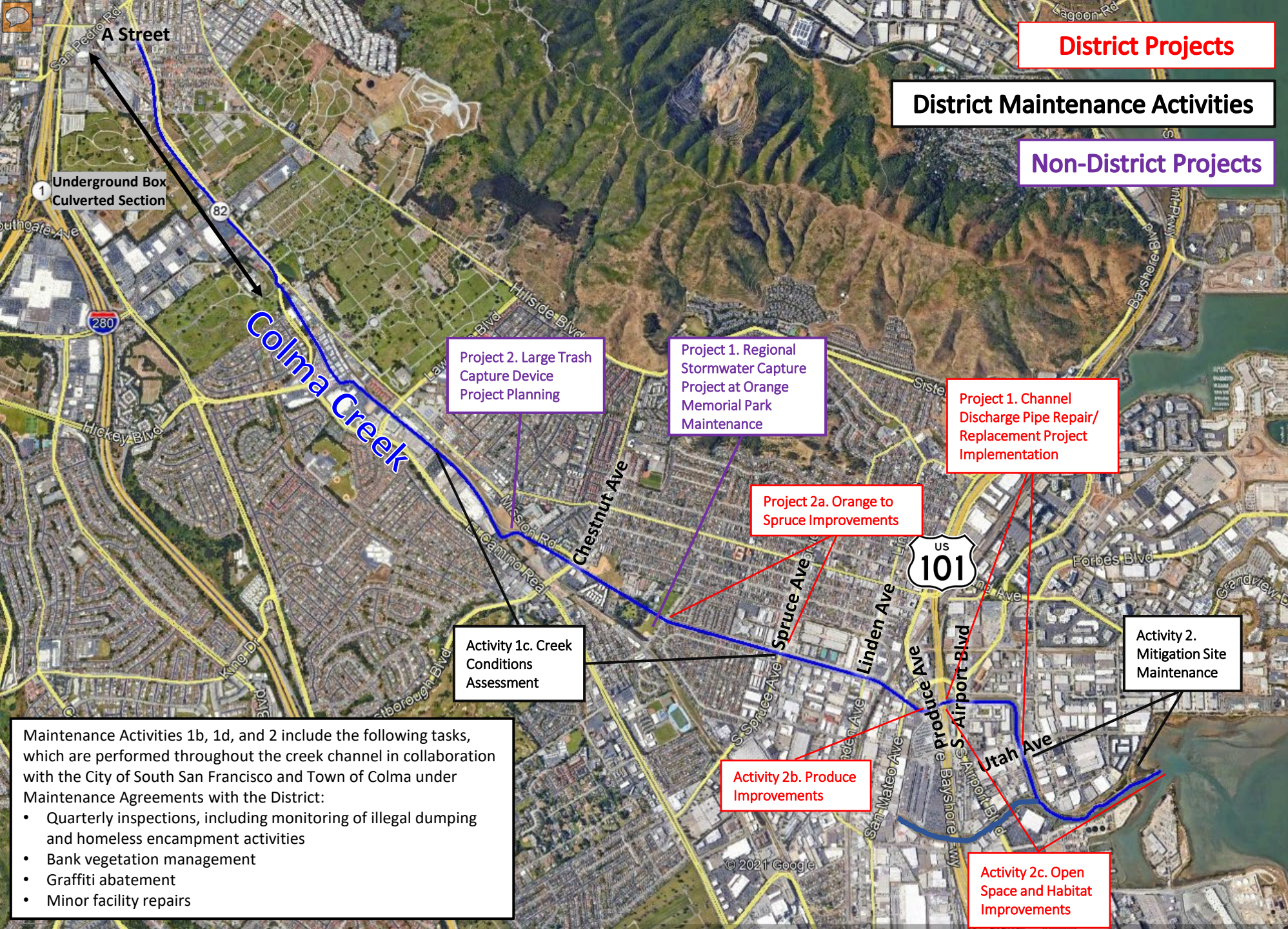
**2. Colma Creek Large Trash Capture Project**

Planning on this project continues to make progress, with current thinking focusing on an off channel trash capture system located upstream of the McLellan Drive crossing. A verbal update by the Town of Colma may be provided regarding this project.

# Appendix A

---

Map of Colma Creek Flood Zone  
Projects and Maintenance Activities



**District Projects**

**District Maintenance Activities**

**Non-District Projects**

Project 2. Large Trash Capture Device Project Planning

Project 1. Regional Stormwater Capture Project at Orange Memorial Park Maintenance

Project 1. Channel Discharge Pipe Repair/ Replacement Project Implementation

Project 2a. Orange to Spruce Improvements

Activity 1c. Creek Conditions Assessment

Activity 2. Mitigation Site Maintenance

Activity 2b. Produce Improvements

Activity 2c. Open Space and Habitat Improvements

# Agenda Item 4

## Update on Colma Creek Flood Zone Projects and Maintenance Activities

Maintenance Activities 1b, 1d, and 2 include the following tasks, which are performed throughout the creek channel in collaboration with the City of South San Francisco and Town of Colma under Maintenance Agreements with the District:

- Quarterly inspections, including monitoring of illegal dumping and homeless encampment activities
- Bank vegetation management
- Graffiti abatement
- Minor facility repairs

Map of Colma Creek Flood Zone Projects and Maintenance Activities

# Appendix B

---

Colma Creek Flood Zone Budget

		Total of Prior 5 Years (FY17-18 through 21-22)*	2022-23 (Actual)	2023-24 (Budget)	2023-24 (Actual YTD)
<b>Revenue</b>					
	Taxes (Secured Property)		\$ 6,148,271	\$ 5,075,653	\$ 5,544,922
	Rent and Interest Income		\$ 362,046	\$ 196,550	\$ 357,006
	Inter-governmental Revenue		\$ 92,725	\$ 97,375	\$ 13,521
	State Grants		\$ 85,659	\$ -	
	<b>Total Revenue</b>	<b>\$ 25,368,202</b>	<b>\$ 6,688,700</b>	<b>\$ 5,369,578</b>	<b>\$ 5,915,448</b>
<b>General Administration of Flood Zone</b>					
			\$ 109,470	\$ 150,450	\$ 115,622
<b>Project Expenditures</b>					
Project Number	Project Name				
1	<b>Planning &amp; Coordination with City of SSF General Plan</b>				
	Preliminary Study	\$ 88,448	\$ -	\$ 50,000	\$ -
2	<b>Channel Discharge Pipe Repair/ Replacement Project</b>				
	Design & Permitting	\$ 112,385	\$ 7,689	\$ 15,000	\$ 14,863
	Construction	\$ -	\$ 307,287	\$ 546,874	\$ 135,485
	Project Administration	\$ 132,154	\$ 32,132	\$ 213,540	\$ 49,032
	<b>Total Project Expenditures/Estimates</b>	<b>\$ 1,175,896</b>	<b>\$ 347,108</b>	<b>\$ 825,414</b>	<b>\$ 199,380</b>
<b>Maintenance Activities Expenditures</b>					
Activity Number	Activity Name				
1	<b>Colma Creek Operations &amp; Maintenance</b>				
	Maintenance Tools and Equipment	\$ -	\$ -	\$ -	\$ 238
	Maintenance and Minor Repairs	\$ 2,136,312	\$ 24,623	\$ 800,000	\$ 51,505
	Project Administration	\$ 1,162,370	\$ 172,088	\$ 200,000	\$ 168,476
2	<b>Mitigation Site Maintenance</b>				
	Annual Maintenance Activities	\$ 400,148	\$ 11,554	\$ 25,000	\$ 719
3	<b>Maintenance Agreements</b>				
	With City of South San Francisco	\$ 13,357	\$ -	\$ 257,000	\$ -
	With Town of Colma	\$ 58,256	\$ -	\$ 35,000	\$ -
	<b>Total Maintenance Activities Expenditures/Estimates</b>	<b>\$ 9,090,433</b>	<b>\$ 208,265</b>	<b>\$ 1,317,000</b>	<b>\$ 220,938</b>
<b>Other Expenditures</b>					
	General Liability Insurance		\$ 6,286	\$ 7,819	\$ 8,874
	Debt Service on Bond		\$ 1,499,125	\$ 1,498,875	\$ 1,498,875
	<b>Total Other Expenditures</b>		<b>\$ 1,505,411</b>	<b>\$ 1,506,694</b>	<b>\$ 1,507,749</b>
	<b>Total Expenditures/Estimates</b>	<b>\$ 10,266,329</b>	<b>\$ 2,060,784</b>	<b>\$ 3,649,108</b>	<b>\$ 1,928,067</b>
<b>Estimated Fund Balance at End of Fiscal Year</b>			<b>\$ 34,864,652</b>	<b>\$ 34,446,952</b>	<b>\$ 38,434,334</b>

\*Expenditures before FY20-21 do not include staff time

# Appendix C

---

Colma Creek Flood Channel  
Maintenance Matrix Monitoring Photos

**Colma Creek Flood Control Channel Maintenance Matrix**  
**Monitoring Photos**  
Survey Date: May 23, 2024  
**Mouth to Produce Avenue Maintenance Segment**



**Photos 1 & 2** – Top photo shows Colma Creek looking downstream from the Bay Trail pedestrian bridge. Bottom photo shows Colma Creek looking upstream from the pedestrian bridge.

# Colma Creek Flood Control Channel Maintenance Matrix

## Monitoring Photos

Survey Date: Survey Date: May 23, 2024



**Photos 3 & 4** – Top and bottom photos show previous homeless encampments sites between the Bay Trail pedestrian bridge and Utah Avenue cleared of encampments. However, some trash and debris still remain. Cable fence not adequately repaired. **OneShoreline and County planning on clearing trash/debris in these areas and maintain/replace native vegetation during future cleanup/planting events.**

# Colma Creek Flood Control Channel Maintenance Matrix

## Monitoring Photos

Survey Date: May 23, 2024



**Photos 5 & 6** – Top photo shows Colma Creek looking downstream from the Utah Avenue bridge. Bottom photo shows Colma Creek looking upstream from the Utah Avenue Bridge.

# Colma Creek Flood Control Channel Maintenance Matrix Monitoring Photos

Survey Date: May 23, 2024



**Photos 7 & 8** – Top photo shows Colma Creek looking downstream towards the Utah Avenue bridge. Bottom photo shows Colma Creek looking upstream towards the S. Airport Blvd. bridge.

# Colma Creek Flood Control Channel Maintenance Matrix Monitoring Photos

Survey Date: May 23, 2024



**Photos 9 & 10** – Top photo shows Colma Creek looking upstream from the S. Airport Blvd. bridge facing the Hwy 101 crossing. Bottom photo shows Colma Creek looking downstream from the Hwy 101 crossing.

**Colma Creek Flood Control Channel Maintenance Matrix  
Monitoring Photos**

Survey Date: May 23, 2024

**Produce Avenue to the Dissipater Teeth Maintenance Segment**



**Photos 11 & 12** – Top photo shows Colma Creek looking downstream from the Produce Avenue bridge facing the Hwy 101 crossing. Bottom photo shows Colma Creek looking upstream from the Produce Avenue bridge.

# Colma Creek Flood Control Channel Maintenance Matrix

## Monitoring Photos

Survey Date: May 23, 2024

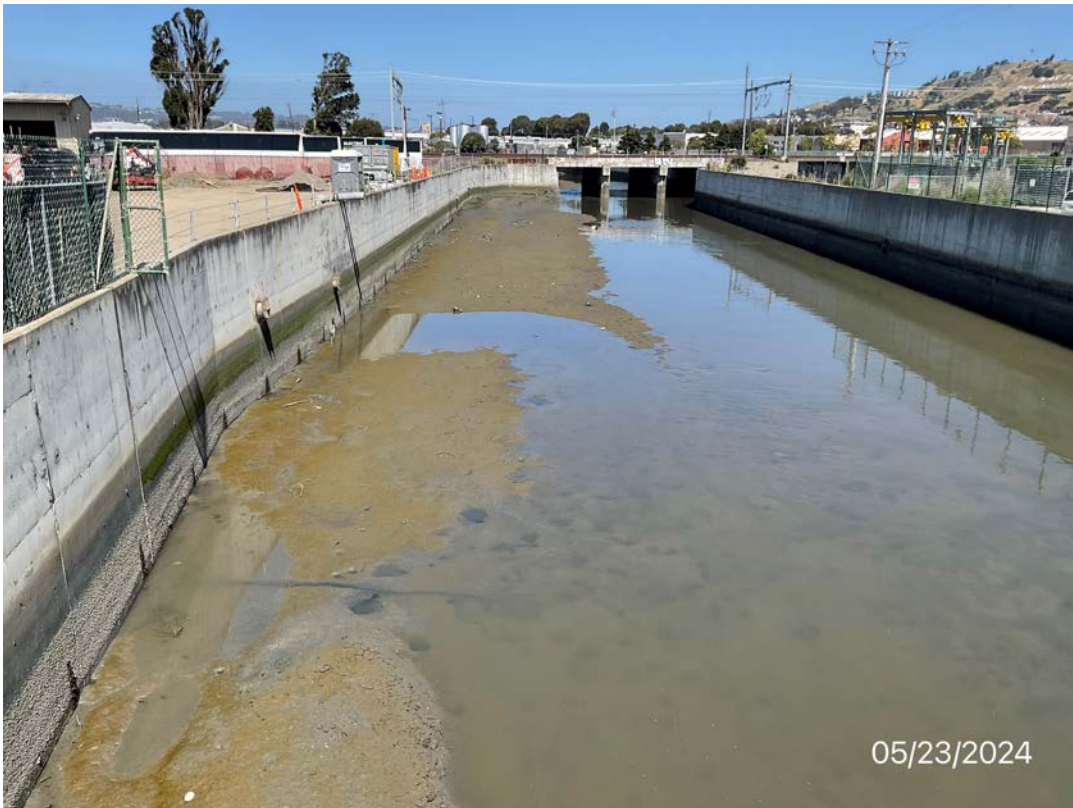


**Photos 13 & 14** – Top photo shows damage on channel wall and partially blocked culvert outfall downstream from the Produce Avenue bridge facing the Hwy 101 crossing. Bottom photo shows void outside the channel wall. **County recommends continuing to monitor the area and contacting Caltrans to clear the drain inlet.**

# Colma Creek Flood Control Channel Maintenance Matrix

## Monitoring Photos

Survey Date: May 23, 2024

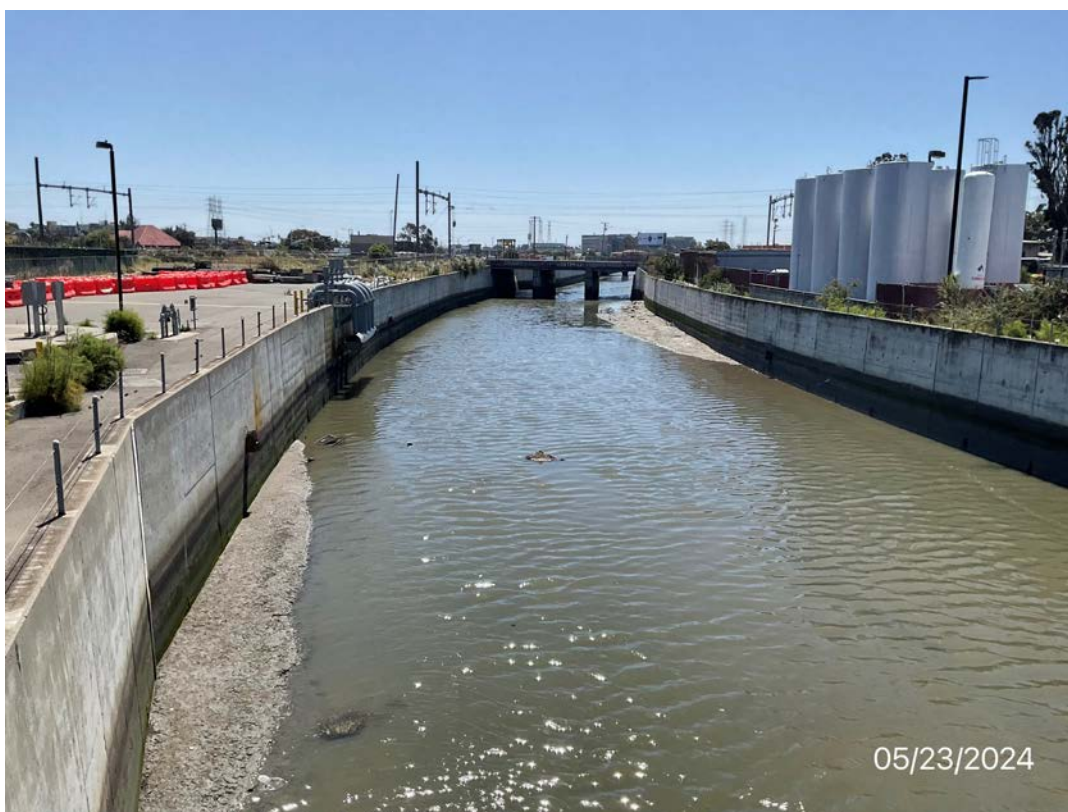


**Photos 15 & 16** – Top photo shows Colma Creek looking downstream from the San Mateo Avenue bridge. Bottom photo shows Colma Creek looking upstream from the San Mateo Avenue bridge. **The County on behalf of OneShoreline plans to remove sediment from this section of channel as part of this year’s maintenance activities.**

# Colma Creek Flood Control Channel Maintenance Matrix

## Monitoring Photos

Survey Date: May 23, 2024



**Photos 17 & 18** – Top photo shows Colma Creek looking upstream from Linden Avenue bridge. Bottom photo shows Colma Creek looking downstream from the Linden Avenue bridge. **The areas outside the channel walls were clear of active encampments.**

**Colma Creek Flood Control Channel Maintenance Matrix**  
**Monitoring Photos**

Survey Date: May 24, 2024



**Photos 19 & 20** – Top photo shows Colma Creek looking upstream from Spruce Avenue bridge. Bottom photo shows Colma Creek looking downstream from Spruce Avenue bridge.

**Colma Creek Flood Control Channel Maintenance Matrix  
Monitoring Photos**

Survey Date: May 24, 2024

**Dissipater Teeth to Old Channel Maintenance Segment**



**Photos 21 & 22 – Top photo shows minor debris accumulated at the dissipator teeth upstream of the Spruce Avenue bridge.. Bottom photo shows trapezoidal wall separation at channel floor developing upstream of the Spruce Avenue bridge. Consultant firm has assessed the conditions of the concrete channel and recommends a geotechnical investigation be conducted to identify causes for the soil settlement. County will monitor the separation in future inspections.**

# Colma Creek Flood Control Channel Maintenance Matrix

## Monitoring Photos

Survey Date: May 24, 2024



**Photos 23 & 24** – Top photo shows Colma Creek looking downstream from the Orange Avenue bridge. Bottom photo shows Colma Creek looking upstream from Orange Avenue bridge. **The County on behalf of OneShoreline, will be removing and trimming vegetation in the flow line in this section of channel during this year's maintenance activity.**

# Colma Creek Flood Control Channel Maintenance Matrix

## Monitoring Photos

Survey Date: May 24, 2024



**Photos 25 & 26** – Top photo shows Colma Creek looking upstream towards the 12-Mile Creek confluence. Overgrown vegetation observed in the wall joints and weepholes between the Orange Avenue bridge and 12-Mile Creek confluence. Bottom photo shows vegetation growing through a CMP culvert outlet downstream of the Centennial Way pedestrian bridge. **Vegetation clearing in this section of channel is included in this year's maintenance activities.**

# Colma Creek Flood Control Channel Maintenance Matrix Monitoring Photos

Survey Date: May 24, 2024



**Photos 27 & 28** – Top photo shows Colma Creek looking downstream at the Centennial Way pedestrian bridge. Bottom photo shows Colma Creek looking upstream from the Centennial Way pedestrian bridge.

# Colma Creek Flood Control Channel Maintenance Matrix

## Monitoring Photos

Survey Date: May 24, 2024



**Photos 29 & 30** – Top photo shows vegetation overgrown over two culvert outfalls near BART. **Vegetation clearing in this section of channel is included in this year's maintenance activities.** Bottom photo shows degraded channel floor downstream from the BART box culvert. **Consultant firm has assessed the conditions of the concrete channel and recommends continued monitoring of the defect in future inspections.**

# Colma Creek Flood Control Channel Maintenance Matrix Monitoring Photos

Survey Date: May 24, 2024



**Photos 31 & 32** – Top photo shows Colma Creek looking downstream from the SSF BART Station culvert. Bottom photo shows Colma Creek looking upstream from the SSF BART Station culvert.

# Colma Creek Flood Control Channel Maintenance Matrix Monitoring Photos

Survey Date: May 24, 2024



**Photos 33 & 34** – Top photo shows Colma Creek looking upstream from Costco pedestrian bridge. **Note** that walls remain graffiti free in this section. However, the channel upstream of here continues to receive fresh graffiti (bottom photo). County recommends OneShoreline to coordinate with Colma staff to replace chain and locks on the gate near the arrow.

**Colma Creek Flood Control Channel Maintenance Matrix  
Monitoring Photos**

Survey Date: May 24, 2024



**Photos 35 & 36 – Top photo shows Colma creek looking downstream from the outlet of Mission Road Box Culvert. Channel is free of tree limbs from the flow line. Bottom photo shows split tree limb falling on fence near the Mission Road Box Culvert. County recommends OneShoreline to coordinate with Colma staff to address uprooted tree leaning on the fence towards Mission Road.**

# Colma Creek Flood Control Channel Maintenance Matrix

## Monitoring Photos

Survey Date: May 24, 2024



**Photos 37 & 38** – Top photo shows old Colma Creek channel downstream of the El Camino Real bridge at the Mission Road intersection. Bottom photo shows Colma Creek channel facing downstream looking at the diversion structure and junction with the Old Channel.