



COLMA CREEK CITIZENS ADVISORY COMMITTEE MEETING

Tuesday, March 12, 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/86132060553](https://www.oneshoreline.org/zoom.us/j/86132060553)

or call 669-444-9171 (Meeting ID# 861 3206 0553)

AGENDA

- I. Roll Call
- II. Public Comment
- III. Action to Set the Agenda and Approve the Consent Agenda
 - a. Approve minutes of the December 12, 2024 meeting
- IV. Update on Colma Creek Flood Zone Projects and Maintenance Activities, including the Fiscal Year 2023-24 Budget
- V. Presentation by the City of South San Francisco on their Orange Memorial Park Storm Water Capture Project Lessons Learned *
- VI. Adjournment

* There are no attached documents associated with this agenda item

NEXT MEETING: Tuesday, June 11, 2024, 3:00 pm

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

Meeting Minutes
Tuesday, December 12, 2023

AGENDA

CALL TO ORDER

Helen Fisicaro called to order the regular meeting of the Colma Creek Citizens Advisory Committee at 3:05 p.m. on Tuesday, December 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 checked="" type="checkbox"/>	<input type="checkbox"/>	Gail DeFries, Member at Large – City of Daly City
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ryan Mayfield, Member at Large – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sue Vaterlaus, Member at Large – City of Pacifica
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lissette Morales, Member at Large – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ed Bortoli, Member at Large – City of South San Francisco
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Raymond Buenaventura, Member at Large – City of Daly City

Staff:

Present	Absent	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Colin Martorana – OneShoreline
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Makena Wong – OneShoreline
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ken Anderson – City of South San Francisco
<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"/>	Dave Bockhaus – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mark Chow – County of San Mateo
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Alex Henry – City of South San Francisco
<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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"/>	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

- a. Approval of minutes of the June 13 and September 12, 2023 meetings

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, Restoration and Adaptation Project; Creek

Flood Early Warning System; Creek Conditions Assessment; Homeless Encampments Protocol;

- Makena Wong and Len Materman of OneShoreline, Mark Chow of the County, and Brad Donohue of Town of Colma provided input regarding the Restoration and Adaptation Project
- Ken Anderson of South San Francisco expressed interest in the Creek Flood Early Warning System.
- Daniel Barros and Helen Fisicaro of the Town of Colma, Len Materman, Marty Madina, Sue Vaterlaus, and Mark Chow spoke regarding the Homeless Encampments Protocol item.
- Brad shared updates on the status of the proposed large trash capture device project.
- Colin spoke about the encampment and illegal dumping. SSF removed illegal encampment, with follow-up work needed.
- Helen asked for a further breakdown as to use Colma Creek Food Zone funds.

V. **ADJOURNMENT**

The meeting adjourned at 3:55 p.m.

NEXT MEETING

Tuesday, March 12, 2024, 3:00 p.m.

Colma Creek Citizens Advisory Committee Meeting

Tuesday, March 12, 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 and rock slope protection, and incorporating 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 Restoration & Adaptation Project

Following Hassell’s presentation to this Committee in March 2023, the design team submitted a final draft of their efforts to the City of South San Francisco in September, marking the completion of their work in partnership with the City. Recognizing the key elements of Hassell’s efforts that align with OneShoreline’s vision of the Creek, we have requested a proposal from Hassell in order to take design into the next stages of development. We are seeking an element within this project’s scope that is meaningful to our objectives for flood protection, environmental restoration, community connectivity, and to be achievable in the short term. Further updates on this effort will be provided as they become available.

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)

Five-year maintenance permits based on revised permit application materials were issued by the United States Army Corps of Engineers (Corps File Number: 2016-00024S) and the San Francisco Bay Regional Water Quality Control Board (SFRWQCB – CIWQS Place ID No. 889644) to OneShoreline in August 2023. In 2021, the existing California Department of Fish & Wildlife (CDFW) Streambed Alteration Agreement (Notification No. 1600-2015-0463-R3) was transferred from the County to OneShoreline and extended through December 2026.

b. *Maintenance and Minor Repairs*

The quarterly inspection of the Colma Creek Flood Channel was performed on February 14, 2024, by staff from the County, the City of South San Francisco, and OneShoreline. Photos documenting these activities may be found in Appendix C.

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 east side of the South San Francisco BART station to the dissipater teeth at Spruce Avenue, shown in the figure at right. Following a site visit in October 2023, a draft assessment report was delivered to the County and OneShoreline, outlining repair recommendations, priority of repairs, and estimated construction costs.



Preliminary findings of the report include a recommendation to undertake a geotechnical investigation of the settlement and heaving observed on the north bank of the channel between Orange Avenue and the dissipater teeth. County staff will be working with Schaaf & Wheeler to implement this recommendation in the coming months.

d. *Illegal Dumping/Encampments*

Informed by our February 14, 2024 quarterly inspection, it was found one homeless encampment, located below the South Airport Boulevard crossing, had been re-established since our last report out. Additionally, there appears to be a new site that has recently been established upstream of McLellan Drive. The section between Utah Avenue and the Bay Trail pedestrian bridge remains clear of encampments.

2. **Mitigation Site Maintenance**

Through our continued mitigation site maintenance program, in coordination with County staff, over six cubic yards of trash was removed from the lower reaches of Colma Creek near the Utah Avenue crossing in 2023.

In April of this year, County staff in coordination with OneShoreline plan to host a student volunteer habitat mitigation and cleanup day at the sites downstream of Utah Avenue bridge, and at the mouth of Colma Creek. A date has not yet been determined, but OneShoreline will update the Committee once available. Activities will include trash clean up and native plantings.

County and the City of South San Francisco's Environmental Compliance Program staff are also planning to host volunteer-led clean-up days throughout the year for major service day events, such as Earth Day and Coastal Clean Up Day. The location of trash removal will be determined on the day of each event.

Since 2005, these clean-up activities have resulted in the removal of approximately 730 cubic yards from this waterway that drains to the Bay.

3. **Maintenance Agreements**

The City of South San Francisco and Town of Colma are currently updating their respective Maintenance Agreements with OneShoreline, for activities along and within Colma Creek that fall within their jurisdictional boundaries. In addition to minor administrative changes, the City's Agreement provides for reimbursement to the City for direct costs to maintain the Orange Memorial Park Regional Stormwater Capture Project for the next two years, covered by the Colma Creek Flood Zone property tax funds.

We anticipate that our Agreement with the City will be brought to the Committee's next meeting in June for approval, to go into effect July 1, 2024, for a two-year term ending June 30, 2026. OneShoreline staff anticipate authorizing our CEO to execute this agreement at a future convening of our Board of Directors.

Status of Non-District Projects: Non-recurring, big-ticket planning or construction efforts in the Colma Creek Flood Zone that are not led by OneShoreline.

1. Regional Stormwater Capture Project at Orange Memorial Park

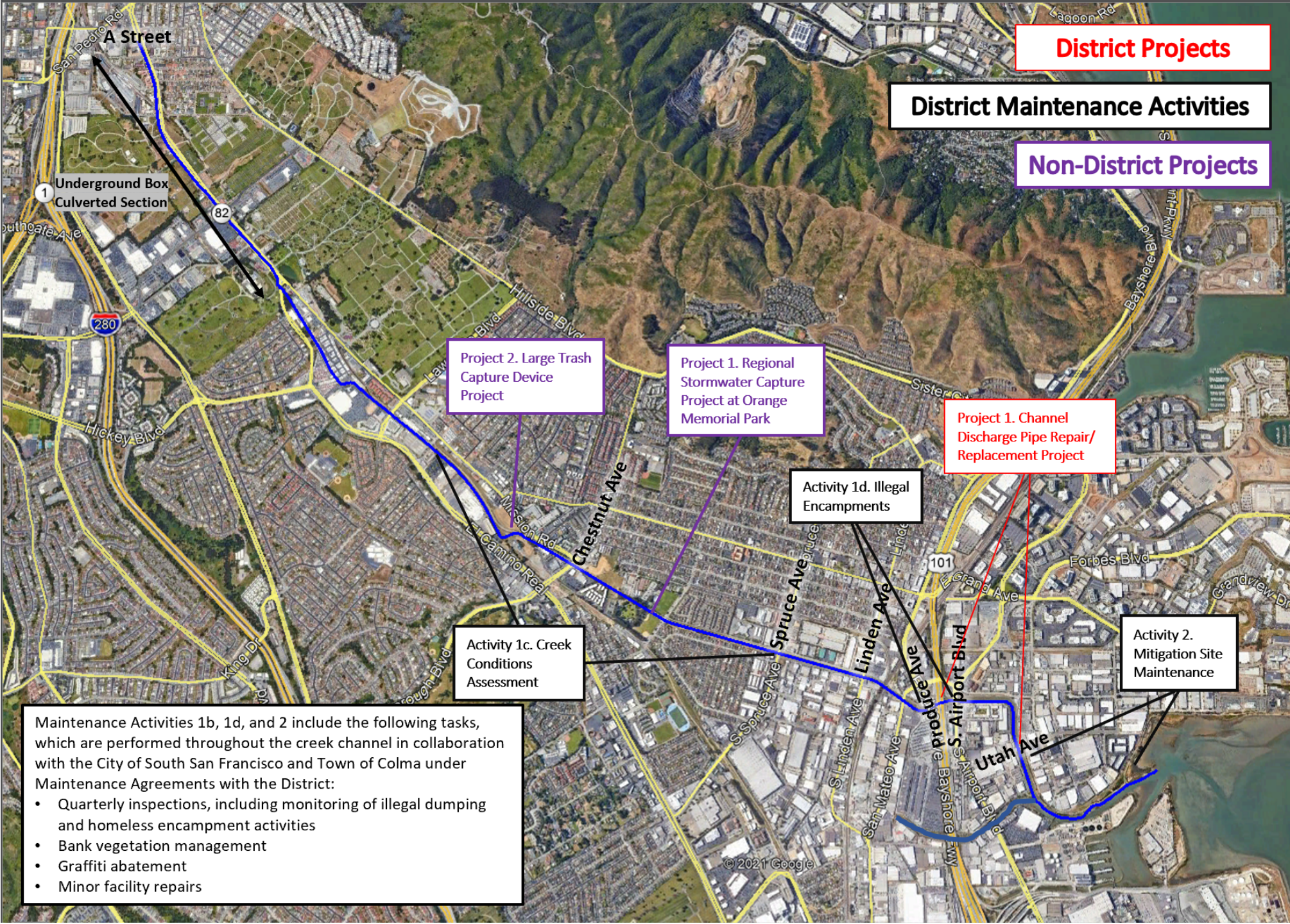
A presentation by the City of South San Francisco is included as Item 5 in today's agenda.

2. Colma Creek Large Trash Capture Project

Planning on this project continues to make progress, with current thinking focusing on an offline trash capture system located upstream of the McLellan Drive crossing. OneShoreline and Town of Colma staff plan to meet in the next week to begin a more detailed discussion. 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

Project 1. Regional Stormwater Capture Project at Orange Memorial Park

Project 1. Channel Discharge Pipe Repair/Replacement Project

Activity 1d. Illegal Encampments

Activity 1c. Creek Conditions Assessment

Activity 2. Mitigation Site Maintenance

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)
Revenue					
	Taxes (Secured Property)		\$ 6,148,271	\$ 5,075,653	\$ 4,197,941
	Rent and Interest Income		\$ 362,046	\$ 196,550	\$ 191,113
	Inter-governmental Revenue		\$ 92,725	\$ 97,375	\$ 7,954
	State Grants		\$ 85,659	\$ -	
	Total Revenue	\$ 25,368,202	\$ 6,688,700	\$ 5,369,578	\$ 4,397,008
General Administration of Flood Zone			\$ 109,470	\$ 150,450	\$ 81,851
Project Expenditures					
Project Number	Project Name				
1	Planning & Coordination with City of SSF General Plan				
	Preliminary Study	\$ 88,448	\$ -	\$ 50,000	\$ -
2	Channel Discharge Pipe Repair/ Replacement Project				
	Design & Permitting	\$ 112,385	\$ 7,689	\$ 15,000	\$ 10,345
	Construction	\$ -	\$ 307,287	\$ 546,874	\$ 135,485
	Project Administration	\$ 132,154	\$ 32,132	\$ 213,540	\$ 49,032
	Total Project Expenditures/Estimates	\$ 1,175,896	\$ 347,108	\$ 825,414	\$ 194,862
Maintenance Activities Expenditures					
Activity Number	Activity Name				
1	Colma Creek Operations & Maintenance				
	Maintenance Tools and Equipment	\$ -	\$ -	\$ -	\$ 238
	Maintenance and Minor Repairs	\$ 2,136,312	\$ 24,623	\$ 800,000	\$ 48,128
	Project Administration	\$ 1,162,370	\$ 172,088	\$ 200,000	\$ 120,816
2	Mitigation Site Maintenance				
	Annual Maintenance Activities	\$ 400,148	\$ 11,554	\$ 25,000	\$ 391
3	Maintenance Agreements				
	With City of South San Francisco	\$ 13,357	\$ -	\$ 257,000	\$ -
	With Town of Colma	\$ 58,256	\$ -	\$ 35,000	\$ -
	Total Maintenance Activities Expenditures/Estimates	\$ 9,090,433	\$ 208,265	\$ 1,317,000	\$ 169,573
Other Expenditures					
	General Liability Insurance		\$ 6,286	\$ 7,819	\$ 8,874
	Debt Service on Bond		\$ 1,499,125	\$ 1,498,875	\$ 1,498,875
	Total Other Expenditures		\$ 1,505,411	\$ 1,506,694	\$ 1,507,749
	Total Expenditures/Estimates	\$ 10,266,329	\$ 2,060,784	\$ 3,649,108	\$ 1,872,185
Estimated Fund Balance at End of Fiscal Year			\$ 34,864,652	\$ 34,446,952	\$ 36,971,775

*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: February 14, 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: February 14, 2024



Photos 3 & 4 – Top and bottom photos show multiple homeless encampments vacated and cleared between the Bay Trail pedestrian bridge and Utah Avenue. No new or active encampments were observed downstream of Utah Ave. Bridge. 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 events.**

Colma Creek Flood Control Channel Maintenance Matrix
Monitoring Photos

Survey Date: February 14, 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: February 14, 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: February 14, 2024



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

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

Survey Date: February 14, 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: February 14, 2024



Photos 13 & 14 – 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.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Date: February 14, 2024



Photos 15 & 16– Top photo shows Colma Creek looking upstream from Linden Avenue bridge. Bottom photo shows Colma Creek looking downstream from the Linden Avenue bridge. Two active encampments exist outside the channel walls in private property. **OneShoreline is coordinating with SSF and other non-profit groups to address these encampments.**

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

Survey Date: February 14, 2024



Photos 17 & 18– 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: February 14, 2024

Dissipater Teeth to Old Channel Maintenance Segment



Photos 19 & 20 – Top photo shows debris accumulated at the dissipater teeth upstream of the Spruce Avenue bridge. Minor tree debris was observed caught in the teeth due to the recent rain and high wind events. **County recommends OneShoreline to coordinate with SSF staff to remove the debris per the MOA between OneShoreline and SSF.** Bottom photo shows void developing underneath the north sidewalk 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 void in future inspections.**

Colma Creek Flood Control Channel Maintenance Matrix Monitoring Photos

Survey Date: February 14, 2024



Photos 21 & 22—Top photo shows Colma Creek looking downstream from the Orange Avenue bridge. Bottom photo shows Colma Creek looking upstream from Orange Avenue bridge.

Colma Creek Flood Control Channel Maintenance Matrix Monitoring Photos

Survey Date: February 14, 2024



Photos 23 & 24 – Top photo shows Colma Creek looking upstream from Orange Park pedestrian bridge. Bottom photo shows Colma Creek looking downstream from Orange Park pedestrian bridge

Colma Creek Flood Control Channel Maintenance Matrix Monitoring Photos

Survey Date: February 14, 2024



Photos 25 & 26 – Top photo shows Colma Creek looking downstream from 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: February 14, 2024



Photos 27 & 28 – Top photo shows Colma Creek looking downstream from the SSF BART Station culvert. Bottom photo shows minor debris at the inlet to the SSF BART Station box culvert at McLellan Drive. Note the water level in the channel at this point in the day increased following rain event. **County recommends OneShoreline to coordinate with SSF staff to remove the debris per the MOA between OneShoreline and SSF.**

Colma Creek Flood Control Channel Maintenance Matrix Monitoring Photos

Survey Date: February 14, 2024



Photos 29 & 30 – Top photo shows Colma Creek looking upstream from the SSF BART Station culvert. Bottom photo shows Colma Creek looking upstream from Costco pedestrian bridge. **In the bottom photo, note that walls remain graffiti free in this section. However, the channel upstream of here continues to receive fresh graffiti. Vegetation maintenance was conducted along both sides of the channel upstream of the Costco pedestrian bridge.**

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Date: February 14, 2024



Photos 31 & 32 – Top photo shows Colma creek looking downstream Mission Road Box Culvert. Channel is free of tree limbs from the flow line. Bottom photo shows Colma Creek looking upstream at the Mission Road Box Culvert and graffiti. **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: February 14, 2024



Photos 33 & 34 – 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.