



COLMA CREEK CITIZENS ADVISORY COMMITTEE MEETING

Tuesday, March 14, 2023, 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/81248510306](https://oneshoreline-org.zoom.us/j/81248510306)

or call 669-444-9171 (Meeting ID# 812 4851 0306)

AGENDA

- I. Roll Call
- II. Public Comment
- III. Action to Set the Agenda and Approve the Consent Agenda
 - a. Approve minutes of the December 13, 2022 meeting
- IV. Update on Colma Creek Flood Zone Projects and Maintenance Activities
- V. Presentation by Hassell providing an overview of their Colma Creek Schematic Design *
- VI. Adjournment

* There are no attached documents associated with this agenda item

NEXT MEETING: Tuesday, June 13, 2023, 3:00 pm

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

Meeting Minutes
Tuesday, December 13, 2022

AGENDA

CALL TO ORDER

Helen Fisicaro called to order the regular meeting of the Colma Creek Flood Control Zone Citizens Advisory Committee at 3:06 pm on Tuesday, December 13, 2022 via Zoom.

I. ROLL CALL

Members:

Present	Absent
<input checked="" type="checkbox"/>	<input type="checkbox"/> Helen Fisicaro, Chair – Town of Colma
<input type="checkbox"/>	<input checked="" type="checkbox"/> Sue Vaterlaus – City of Pacifica
<input checked="" type="checkbox"/>	<input type="checkbox"/> Mike Futrell – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/> Jovan Grogan – City of San Bruno
<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"/> Len Materman – OneShoreline
<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"/> Richard Chiu – City of Daly City
<input checked="" type="checkbox"/>	<input type="checkbox"/> Eunee June 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"/> Ken Anderson – 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"/> Billy Gross – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/> Dave Bockhaus – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/> Kim Santos – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/> Alan Velasquez – County of San Mateo
<input checked="" type="checkbox"/>	<input type="checkbox"/> Eric Yurkovich – Raimi Associates
<input checked="" type="checkbox"/>	<input type="checkbox"/> Meghan McNulty – Raimi Associates
<input type="checkbox"/>	<input checked="" type="checkbox"/> Mark Chow – County of San Mateo
<input type="checkbox"/>	<input checked="" type="checkbox"/> Ann Stillman – County of San Mateo
<input type="checkbox"/>	<input checked="" type="checkbox"/> Dave Pine – County of San Mateo
<input type="checkbox"/>	<input checked="" type="checkbox"/> Michael Barber – County of San Mateo
<input type="checkbox"/>	<input checked="" type="checkbox"/> Brad Donohue – Town of Colma

II. Public Comment

No comments from the public.

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

1. Adopt Resolution 2022-12-13 to continue conducting meetings of the Advisory Committee remotely due to public health concerns caused by the COVID-19 pandemic
2. Approval of minutes of September 20, 2022 meeting
3. Approval of Committee Meeting dates: March 14, June 13, September 12, December 12

IV. Update on Colma Creek Flood Zone Projects And Maintenance Activities

Colin Martorana spoke on this item and provided the Committee with updates of the following:

1. District planning and coordination activities with the City of South San Francisco on their General Plan
2. Updates on the Channel Discharge Pipe Repair/Replacement Project
3. Updates on District-led maintenance activities

V. Introduction of New At-Large Committee Member Lissette Morales

VI. Presentation by the City of South San Francisco on the Lindenville Specific Plan*

- Jovan: It would be great for the covered pathway to connect the San Bruno BART station to the Caltrain Station.
- Billy: A discussion of Alternatives will be occurring in early February, with the goal to bring to City Council by end of February to select a preferred plan. Will then go into more detailed analysis with that direction.
- Helen: We will meet next in March, and we can go over more details at that meeting
- Lissette: Will you present all 3 alternatives to City Council?
 - Billy: As soon as we get more feedback on the Alternatives, we will modify accordingly.
- Makena: As the committee members digest the information, comments and feedback or questions such as what is compelling to them, are welcomed even after the meeting.
- Makena: Policy item: Facilitate the transfer of development away from Colma Creek to naturalize the channel, create active transport, and manage flooding, all in alignment with OneShoreline objectives.

VII. ADJOURNMENT

The meeting adjourned at 4:08 p.m.

NEXT MEETING

Tuesday, March 14, 2023, 3:00 p.m.

Colma Creek Citizens Advisory Committee Meeting

Tuesday, March 14, 2023, 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. Planning and Coordination with City of South San Francisco's General Plan

Since the City's General Plan was adopted in October 2022, the City and OneShoreline continue to be in communication on how to put the General Plan's vision of a climate-resilient and community-enriching Colma Creek to action – most recently this has taken place through OneShoreline's engagement in the development of the Lindenville Specific Plan, which is currently targeted for adoption in Summer 2023. More details on the Plan's goals and timeline can be found online here: <https://shapessf.com/plan-lindenville>.

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

This project will repair or replace deteriorated discharge pipes that drain to the Creek, more specifically 15 culverts between Highway 101 and Utah Avenue. County staff contracted with Granite Rock Company (GRC) to complete the work. GRC has secured the materials that required a long lead time, which include reinforced concrete pipe, flap gates, and headwalls for \$307,287 and the materials are currently stored at their yard.

This project was postponed last year, as a re-verification letter was required by the U.S. Army Corps of Engineers due to changes made during the final design to accommodate changes in site conditions since 2017. County staff has recommended that the Project Description for the new 5-year maintenance permit currently in review by the regulatory agencies be modified so that this project may be completed under the new maintenance permits. The Project Description has been revised and will be submitted to the regulatory agencies this week, with the goal of receiving the appropriate permits to commence construction by August 2023, and ultimately complete the work this year.

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

5-year Maintenance Permit Renewal:

On behalf of OneShoreline, County staff and consultants prepared the revised permit application materials for the new 5-year maintenance permits, and will be submitted by OneShoreline staff this week.

Maintenance and Minor Repairs

The quarterly inspection of the Colma Creek Flood Control Channel was performed on February 10 and 13, 2023 by staff from the County and the City of South San Francisco. Photos documenting these activities may be found in Appendix B.

Illegal Dumping/Encampments

Active homeless encampments are still observed between Utah Avenue and the Bay Trail pedestrian bridge, and under the South Airport Boulevard and Produce Avenue bridges. These sites continue to be a concern for impacts to the channel and water quality. OneShoreline and County staff are engaging with LifeMoves to

coordinate engagement with these encampments, in anticipation of the Earth Day Cleanup scheduled for April 22.

Sediment Dredging Downstream of Utah Avenue

On behalf of OneShoreline, the County monitors sediment depositions in the channel from Utah Avenue bridge to Navigable Slough. A bathymetric survey was conducted in late 2021 and the results indicated no significant changes to the sediment accumulation levels when compared to the 2017 survey data. The channel cross sections generated by the model using the 2021 survey data remained largely unchanged from the 2017 model. The study's conclusion was that dredging in this segment of the channel is not currently needed, but should be monitored more closely in the future.

2. Mitigation Site Maintenance

Due to limited staffing with the Sheriff's Work Program (SWP), trash cleanup has not occurred since December 11, 2021 and as a result, there has been an increase in trash accumulation within the channel. OneShoreline and County staff are currently considering alternative methods, such as the use of contractors to perform this work, to further advance this effort.

County staff in coordination with OneShoreline will be hosting a student-volunteer habitat mitigation and a clean-up day at the sites downstream of Utah Avenue bridge at the mouth of Colma Creek, in April 2023. OneShoreline will report back to the Committee in June on this effort. Clean-up activities will include trash clean up and invasive plant removal. County staff and the City of South San Francisco's Environmental Compliance Program also plan to host volunteer-led clean-up days throughout the year for major service day events, such as Earth Day, Coastal Clean Up Day, etc.

This table summarizes the trash removed from the Mitigation Sites since 2005 and trash pick-up dates in 2022. No cleanup events have occurred in the Mitigation Sites in 2023 due to active homeless encampments and availability of County SWP participants.

Year	Trash Removed in cubic yards	Event Dates
2022	2.85	3/5, 4/23
Total (2005-2022)	721.44	

In addition, 228.86 cubic yards of trash have been removed from other sites along the channel since 2005.

3. Maintenance Agreements

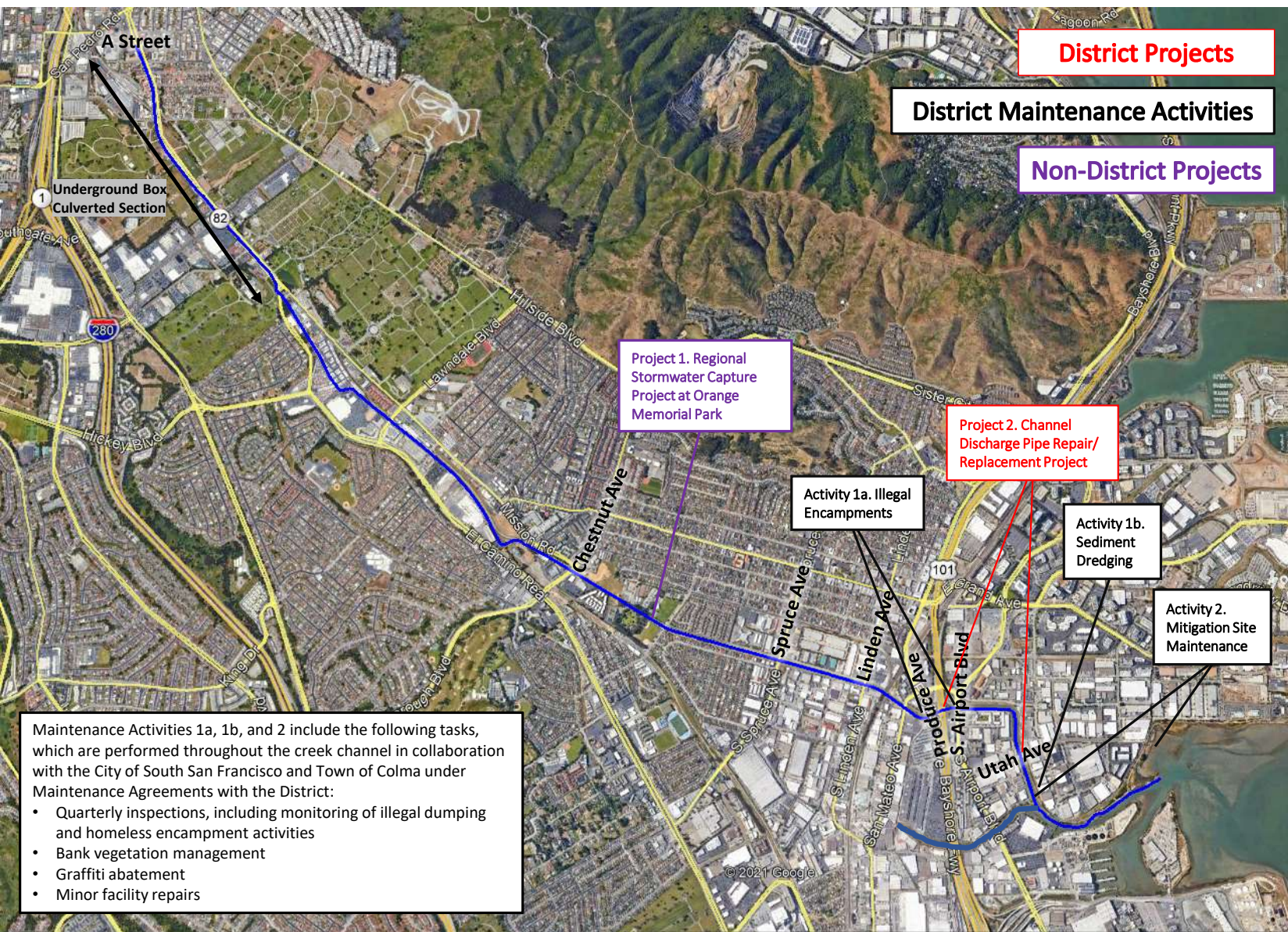
OneShoreline and City of South San Francisco staff are coordinating next steps for the safe and timely removal of the illegal skatepark that was built along the bank of the Creek above the Centennial Way Trail crossing. This work falls within the tasks anticipated in our Maintenance Agreement with South San Francisco, and City staff have indicated the necessary staff and equipment are available to perform this work.

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 (City of South San Francisco and San Mateo Countywide Water Pollution Prevention Program)

The Orange Memorial Park Stormwater Capture project construction was completed in the spring of 2022, and the City has begun a 1-year commissioning period to ensure the proper functioning of the system. To continue post-construction operations of this system, project partners are currently seeking to identify a source of funding for long-term operation and maintenance activities.

The City/County Associate of Governments of San Mateo County (or C/CAG) has facilitated multiple discussions on this topic, including convening a Workgroup Advancing Regional Projects (WARP), a new ad-hoc group of the Stormwater Committee. The Workgroup is intended to enable jurisdictions countywide to participate in cost-sharing or other transactions to fund the implementation and maintenance of regional stormwater management projects, such as the Orange Memorial Park Stormwater Capture Project, that meet San Francisco Bay Regional Water Quality Control Board Municipal Regional Stormwater National Pollutant Discharge Elimination System Permit requirements. OneShoreline is participating as a non-Stormwater Committee member, and will be exploring funding options with the group.



Appendix A.
Map of Colma Creek
Flood Zone Projects and
Maintenance Activities

		Total of Prior 5 Years (FY16-17 through 20-21)*	2021-22 (Actual)	2022-23 (Budget)	2022-23 (Actual YTD)
Revenue					
	Taxes (Secured Property)		\$ 5,347,055	\$ 4,167,095	\$ 215,499
	Rent and Interest Income		\$ 132,209	\$ 25,131	\$ 18,392
	Inter-governmental Revenue		\$ 73,128	\$ 95,307	\$ -
	Total Revenue	\$ 23,909,201	\$ 5,552,392	\$ 4,287,533	\$ 233,891
General Administration of Flood Zone			\$ 62,108	\$ 120,600	\$ -
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	\$ 75,527	\$ 36,859	\$ -	\$ -
	Construction	\$ -	\$ -	\$ 828,761	\$ 307,287
	Project Administration	\$ 91,567	\$ 40,587	\$ 207,190	\$ 29,429
	Total Project Expenditures/Estimates	\$ 1,053,881	\$ 77,446	\$ 1,085,951	\$ 336,716
Maintenance Activities Expenditures					
Activity Number	Activity Name				
1	Colma Creek Operations & Maintenance				
	Maintenance Tools and Equipment			\$ 2,000	\$ -
	Maintenance and Minor Repairs	\$ 1,128,865	\$ 1,640,382	\$ 430,000	\$ 21,926
	Project Administration	\$ 224,222	\$ 972,390	\$ 107,500	\$ 104,128
2	Mitigation Site Maintenance				
	Annual Maintenance Activities	\$ 454,017	\$ 23,631	\$ 90,000	\$ 2,539
3	Maintenance Agreements				
	With City of South San Francisco	\$ 20,720	\$ 5,000	\$ 45,000	\$ -
	With Town of Colma	\$ 53,256	\$ 5,000	\$ 35,000	\$ -
	Total Maintenance Activities Expenditures/Estimates	\$ 1,881,080	\$ 2,646,403	\$ 709,500	\$ 128,594
	Total Expenditures/Estimates	\$ 2,934,961	\$ 4,338,515	\$ 3,503,860	\$ 465,310
Fund Balance at Ending of Fiscal Year			\$ 30,354,543	\$ 31,138,216	

*Expenditures before FY20-21 do not include staff time

Colma Creek Flood Control Channel Maintenance Matrix Monitoring Photos

Survey Dates: February 10 & 13, 2023

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 Bay Trail pedestrian bridge.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 3 & 4 – Photos show homeless encampments between the Bay Trail pedestrian bridge and Utah Avenue. **OneShoreline** and **SSF Police Department** are aware of the encampments.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 5 & 6 – Top photo shows a sinkhole adjacent to the Bay Trail downstream of the pedestrian bridge along the Colma Creek bank opposite the SSF wastewater treatment plant. Bottom photo shows Colma Creek looking downstream from the Utah Avenue bridge.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 7 & 8 – Top photo shows Colma Creek looking upstream from the Utah Avenue bridge. Bottom photo shows debris on the bank of Colma Creek upstream of the Utah Avenue bridge.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 9 & 10 – 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 Dates: February 10 & 13, 2023



Photos 11 & 12 – Top photo shows Colma Creek looking downstream from the S. Airport Blvd. bridge. Bottom photo shows homeless encampment beneath the S. Airport Blvd. bridge. **OneShoreline** and **SSF** are aware of the encampment.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 13 & 14 – Top photo shows Colma Creek looking upstream from the S. Airport Blvd. bridge. Bottom photo shows Colma Creek looking downstream from the Produce Avenue bridge.

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

Survey Dates: February 10 & 13, 2023

Produce Avenue to the Dissipater Teeth Maintenance Segment



Photos 15 & 16 – Top photo shows homeless encampment on the southeast bank of Colma Creek at the Produce Avenue bridge. **OneShoreline and SSF are aware of the encampment.** Bottom photo shows sinkhole behind the northeast channel wall of Colma Creek at the Produce Avenue bridge. **The project to repair/replace the sheetpile wall at this location is currently on hold.**

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 17 & 18 – Top photo shows Colma Creek looking upstream from the Produce Avenue bridge. Bottom photo shows Colma Creek looking downstream from the San Mateo Avenue bridge.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 19 & 20 – Top photo shows Colma Creek looking upstream from the San Mateo Avenue bridge. Bottom photo shows Colma Creek looking downstream from the Linden Avenue bridge.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 21 & 22 – Top photo shows Colma Creek looking upstream from the Linden Avenue bridge. Bottom photo shows Colma Creek looking downstream from the Spruce Avenue bridge.

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

Survey Dates: February 10 & 13, 2023

Dissipater Teeth to Old Channel Maintenance Segment



Photos 23 & 24 – Top photo shows Colma Creek looking upstream from the Spruce Avenue bridge. Bottom photo shows debris accumulated at the dissipator teeth upstream of the Spruce Avenue bridge.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 25 & 26 – Top photo shows exposed rebar at the joint between the trapezoidal wall and the channel bottom. Exposed rebar was observed in multiple locations between the Spruce Avenue and Orange Avenue bridges. Bottom photo shows cracks in cement mortar around culvert outlets. Similar condition was observed in multiple locations between Spruce Avenue and Orange Avenue bridges.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 27 & 28 – Top photo shows vegetation growing in a weephole between the Spruce Avenue and Orange Avenue bridges. Bottom photo shows Colma Creek looking downstream of the Orange Avenue bridge.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 29 & 30 – Top photo shows Colma Creek looking upstream of the Orange Avenue bridge. Bottom 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.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 31 & 32 – Top photo shows broken tree limb downstream of the Chestnut Avenue bridge. County staff recommends the tree limb to be removed by SSF under the MOA with OneShoreline. Bottom photo shows exposed rebar at the upstream side of the Chestnut Avenue bridge.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 33 & 34 – Top photo shows vegetation growing through a CMP culvert outlet downstream of the Centennial Way pedestrian bridge. Bottom photo shows Colma Creek looking upstream towards the Centennial Way pedestrian bridge.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023

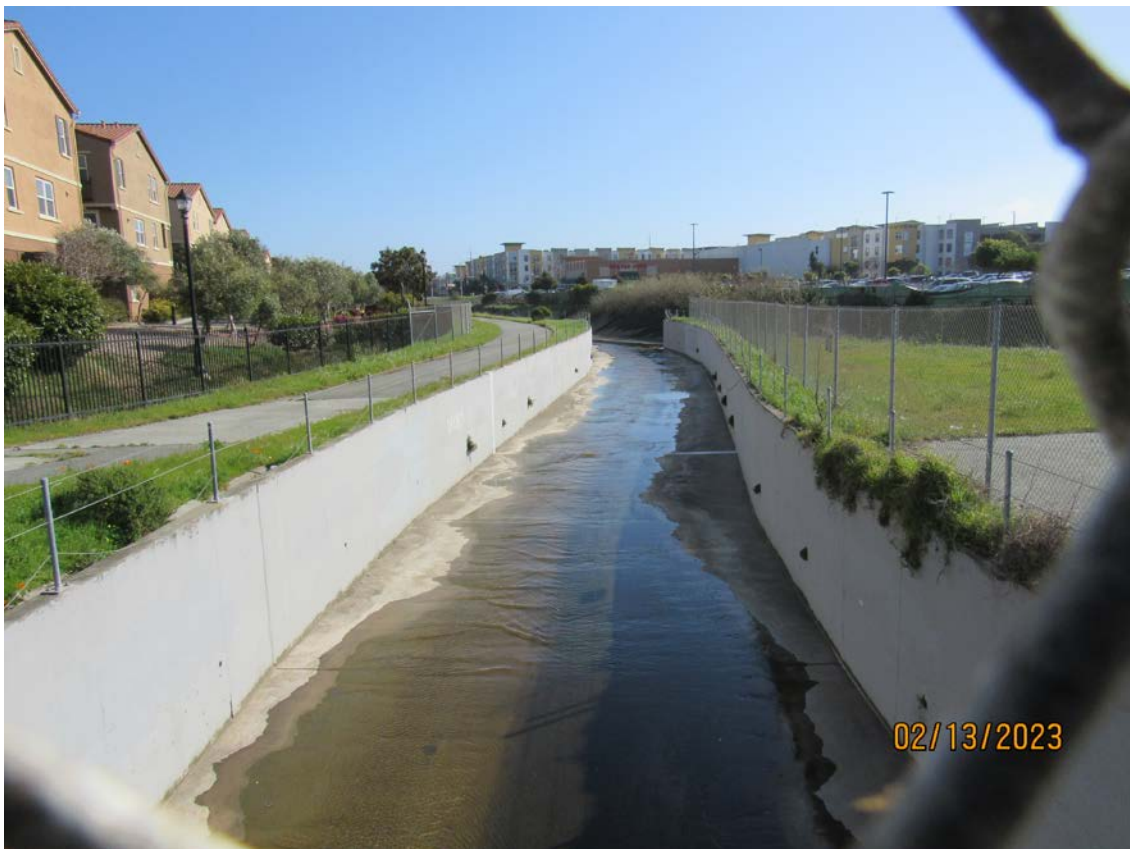


Photos 35 & 36 – Top photo shows Colma Creek looking upstream from the Centennial Way pedestrian bridge. A longitudinal crack and uplifting observed within the channel in the vicinity of the Kaiser parking garage. Bottom photo shows joint cracking in the vicinity of the longitudinal crack.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 37 & 38 – Top photo show overgrown vegetation along the southern wall downstream of SSF BART Station. Bottom photo shows Colma Creek looking downstream from the Costco pedestrian bridge.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 39 & 40 – Top photo shows Colma Creek looking upstream from the Costco pedestrian bridge. Bottom photo shows new graffiti between the Costco pedestrian bridge and the Mission Road culvert. County staff recommends the Town of Colma to conduct graffiti abatement in this segment of the channel under the MOA with OneShoreline.

Colma Creek Flood Control Channel Maintenance Matrix

Monitoring Photos

Survey Dates: February 10 & 13, 2023



Photos 41 & 42 – Top photo shows Old Colma Creek channel downstream of the El Camino Real bridge at the Mission Road intersection. Bottom photo shows dewatering underneath the El Camino Real bridge for construction work. **Oneshoreline is aware of this work.**