



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

**Tuesday, March 8, 2022 at 3:00 pm**

Due to the risk of COVID-19 transmission and local and State guidelines, this meeting will be held remotely. To join the meeting, click on:

<https://oneshoreline-org.zoom.us/j/93937553875?pwd=M010ZnJOWFRKblpqb3FpdJpiUkZYUT09>

**or call 669-900-9128 Meeting ID: 939 3755 3875# Password: 057335#**

### **AGENDA**

- I. Roll Call
- II. Public Comment
- III. Action to Set the Agenda and Approve the Consent Agenda
  - a. Adopt Resolution 2022-03-08 to continue conducting meetings of the Committee remotely due to public health concerns caused by the COVID-19 pandemic
  - b. Approve minutes of the December 14, 2021 meeting
- IV. Update on Colma Creek Flood Zone Projects and Maintenance Activities
- V. Lower Colma Creek U.S. Army Corps of Engineers Project \*
- VI. Committee Member Term Renewals
- VII. Adjournment

\* There are no attached documents associated with this agenda item

NEXT MEETING: Tuesday, June 14, 2022 at 3:00 p.m.



## San Mateo County Flood and Sea Level Rise Resiliency District

### Agenda Report

**Date:** March 8, 2022  
**To:** Colma Creek Citizens Advisory Committee  
**From:** Len Materman, CEO  
**Subject:** Adopt Resolution 2022-03-08 to continue conducting meetings of the Committee remotely due to public health concerns caused by the COVID-19 pandemic

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#### Recommendation

That the Colma Creek Citizens Advisory Committee (“Committee”) adopt Resolution 2022-03-08 re-invoking the provisions of Assembly Bill 361 (“AB 361”), finding that the COVID-19 pandemic state of emergency continues to present imminent risks to the health or safety of attendees and continues to directly impact the ability of the Committee to meet safely in person.

#### Background and Discussion

AB 361 sets forth remote meeting requirements and procedures for local legislative bodies during a proclaimed state of emergency. Specifically, AB 361 allows a local legislative body to continue holding remote meetings between October 1, 2021 and January 1, 2024 under the following circumstances:

- Automatically whenever the legislative body holds a meeting during a proclaimed state of emergency, and state or local officials have imposed or recommended measures to promote social distancing; or
- When the legislative body holds a meeting during a proclaimed state of emergency for the purpose of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees; or
- When the legislative body holds a meeting during a proclaimed state of emergency and has determined, by majority vote that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

Once the Committee complies with AB 361, the following Brown Act rules for remote meetings are suspended: that the Committee make available a physical location to observe the meeting or to make public comment, and each teleconference location has posted notices or agendas, is accessible to the public, and is identified by address on the agenda. In addition, the following procedures apply to the remote meetings:

- AB 361 forbids agencies from requiring public comment to be submitted in advance (for example via email), and requires an opportunity to address the public/Board in real-time.
- AB 361 regulates, for the first time, the rules and procedures for opening and closing a public comment period for agenda items. Specifically, a reasonable time for indicating a desire to comment (i.e., to use the “raise hand” feature in Zoom) must be provided.
- AB 361 prohibits agencies from taking action on agenda items when there is a disruption or technical failure on the agency’s end which prevents the public from making comments during the meeting until public access is restored, and creates a cause of action to challenge actions taken while access is unavailable.
- Notwithstanding Brown Act prohibitions on requiring attendees to register their names as a condition of meeting attendance, AB 361 expressly authorizes agencies to use third-party teleconference platforms that require registration (i.e., Zoom requiring an attendee to include their email).

The federal Centers for Disease Control and Prevention (“CDC”) advises that the Omicron variant, which was classified as a Variant of Concern in November 2021, spreads more easily than the original virus that causes COVID-19 and Delta variant. The CDC expects that anyone with Omicron can spread the virus to others, even if they are vaccinated or do not have symptoms. The presence and severity of symptoms can be affected by COVID-19 vaccination status, the presence of other health conditions, age, and history of prior infection.

While preliminary data suggest that Omicron may cause more mild disease than previous variants, some people may still have severe disease, need hospitalization, and could die from the infection. The CDC warns that, even



if only a small percentage of people with Omicron infection need hospitalization, the large volume of cases could overwhelm local healthcare systems. While the level of transmission has decreased considerably from a peak in mid-January 2022, the County's current case activity keeps us in the CDC's "high" level of community transmission.

In addition, effective February 16, 2022, only unvaccinated persons are required to mask in most indoor settings. It is recommended, however, that fully vaccinated individuals continue to mask indoors when the risk of transmission may be high.

In summary, despite sustained efforts to impede its transmission, COVID-19 remains a significant public health hazard among both vaccinated and unvaccinated individuals and continues to spread. Thus, reducing the circumstances under which individuals come into close contact with each other indoors remains a vital component of the strategy to reduce the spread of COVID-19.

Indoor public meetings of the Committee pose particularly high risks for transmission of COVID-19, as such meetings would bring together residents from across the County and the open nature of public meetings makes it difficult to enforce compliance with vaccination, physical distancing, masking, and other safety measures essential to enabling that all residents — including those who are unvaccinated or with compromised immune systems — can safely participate. Indeed, for these reasons, the Board of Directors of the San Mateo County Flood and Sea Level Rise Resiliency District, has invoked the provisions of AB 361.

Therefore, it is recommended that the Committee also invoke the provisions of AB 361 by adopting draft Resolution 2022-03-08 to allow its meetings to continue to meet remotely.

**Attachment:** Draft Resolution 2022-03-08



**DRAFT** RESOLUTION NO. 2022-03-08

**RESOLUTION OF THE COLMA CREEK CITIZENS ADVISORY COMMITTEE,  
AN ADVISORY BOARD TO THE SAN MATEO COUNTY FLOOD AND SEA LEVEL RISE  
RESILIENCY DISTRICT BOARD OF DIRECTORS,  
REINVOKING THE PROVISIONS OF ASSEMBLY BILL 361, FINDING THAT THE COVID-19  
PANDEMIC STATE OF EMERGENCY CONTINUES TO PRESENT IMMINENT RISKS  
TO THE HEALTH OR SAFETY OF ATTENDEES AND CONTINUES TO DIRECTLY IMPACT  
THE ABILITY OF THE BOARD OF DIRECTORS TO MEET SAFELY IN PERSON**

**RESOLVED** by the Colma Creek Citizens Advisory Committee (the “Committee”), an advisory board to the Board of Directors of the San Mateo County Flood and Sea Level Rise Resiliency District (the “District”) that:

**WHEREAS**, on March 4, 2020, pursuant to Government Code Section 8550, *et seq.*, Governor Newsom proclaimed a state of emergency related to the COVID-19 novel coronavirus (“COVID-19”) and, subsequently, the San Mateo County Board of Supervisors declared a local emergency related to COVID-19, and the proclamation by the Governor and declaration by the Board of Supervisors remain in effect; and

**WHEREAS**, on March 17, 2020, Governor Newsom issued Executive Order N-29-20, which suspended certain provisions in the California Open Meeting Law, codified at Government Code Section 54950, *et seq.* (the “Brown Act”), related to teleconferencing by local agency legislative bodies, provided that certain requirements were met and followed; and

**WHEREAS**, on June 11, 2021, the Governor issued Executive Order N-08-21, which extended certain provisions of Executive Order N-29-20 that waive otherwise applicable Brown Act requirements related to remote/teleconference meetings by local agency legislative bodies through September 30, 2021; and

**WHEREAS**, on September 16, 2021, Governor Newsom signed into law Assembly Bill 361 (“AB 361”) which provides that a local agency legislative body may continue to meet remotely without complying with otherwise applicable requirements in the Brown Act related to remote/teleconference meetings, provided that a state of emergency has been proclaimed and the legislative body determines that meeting in person would present imminent risks to the health or safety of attendees; and

**WHEREAS**, on November 30, 2021, the Omicron variant of COVID-19 was classified as a Variant of Concern in the United States; and

**WHEREAS**, the Centers for Disease Control and Prevention (“CDC”) advises that the Omicron variant spreads more easily than the original virus that causes COVID-19 and Delta variant, and expects that anyone with Omicron can spread the virus to others, even if they are vaccinated or do not have symptoms; and

**WHEREAS**, the presence and severity of symptoms can be affected by COVID-19 vaccination status, the presence of other health conditions, age, and history of prior infection; and

**WHEREAS**, while preliminary data suggest that Omicron may cause more mild disease than previous variants, some people may still have severe disease, need hospitalization, and could die from the infection, and the CDC warns that, even if only a small percentage of people with Omicron infection need hospitalization, the large volume of cases could overwhelm local healthcare systems; and

**WHEREAS**, while the level of transmission has decreased considerably from a peak in mid-January 2022, the County’s current caseload remains in the CDC’s “high” level of community transmission; and



**WHEREAS**, while, effective February 16, 2022, only unvaccinated persons are required to mask in most indoor settings, it is recommended that fully vaccinated individuals continue to mask indoors when the risk of transmission may be high; and

**WHEREAS**, the COVID-19 pandemic has informed legislative bodies about the unique advantages of remote public meetings, as well as the unique challenges, which are frequently surmountable; and

**WHEREAS**, the District has an important interest in protecting the health and safety of those who participate in its meetings and the District Board of Directors have made similar findings since October 2021; and

**WHEREAS**, the Committee has reconsidered the circumstances of the state of emergency and finds that the state of emergency continues to impact the ability of the Committee to conduct its meetings in person because there is a continuing threat of COVID-19 to the community and that in-person meetings of the Committee pose risks to the health or safety of participants through person-to-person contact and make it difficult for those who are immuno-compromised or unvaccinated to be able to safely participate, and it is challenging to ascertain and ensure compliance with vaccination and other safety recommendations at such meetings; and

**WHEREAS**, in the interest of public health and safety, as affected by the state of emergency caused by the spread of COVID-19, the Committee finds that this state of emergency continues to directly impact the ability of the Committee to meet safely in person and that meeting in person would present imminent risks to the health or safety of attendees, and the Committee will therefore reinvoke the provisions of AB 361 related to teleconferencing for meetings of the Committee.

**NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED** that:

1. The above recitals are true and correct.
2. The Committee has reconsidered the circumstances of the state of emergency caused by the spread of COVID-19.
3. The Committee reinvoles the provisions of AB 361 and finds that the state of emergency caused by the spread of COVID-19 continues to directly impact the ability of the Committee to meet safely in person.
4. The Committee further finds that meeting in person would continue to present imminent risks to the health or safety of meeting attendees and directs staff to continue to agendize public meetings of the Committee only as online teleconference/remote meetings.
5. At its next public meeting, the Committee will discuss whether to make the findings required by AB 361 to continue meeting remotely or move to in-person meetings.

**PASSED AND ADOPTED** this 8th day of March 2022, by the following vote:

AYES:

NOES:

ABSENT:

ATTEST:

APPROVED:

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Clerk of the Committee

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Chair of the Committee



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

**Meeting Minutes**

**Tuesday, December 14, 2021 Meeting**

**AGENDA**

**CALL TO ORDER**

Helen Fisicaro called to order the regular meeting of the Colma Creek Flood Control Zone Citizens Advisory Committee at 3:03 pm on Tuesday, December 14, 2021 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 type="checkbox"/>	<input checked="" 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"/> Richard Irli, 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

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"/> Mark Chow – County of San Mateo, Department of Public Works
<input checked="" type="checkbox"/>	<input type="checkbox"/> Ann Stillman – County of San Mateo, Department of Public Works
<input type="checkbox"/>	<input checked="" type="checkbox"/> Dave Pine – County of San Mateo, Board of Supervisors
<input checked="" type="checkbox"/>	<input type="checkbox"/> Michael Barber – County of San Mateo, Supervisor Dave Pine’s Office
<input type="checkbox"/>	<input checked="" type="checkbox"/> Brad Donohue – Town of Colma
<input checked="" type="checkbox"/>	<input type="checkbox"/> Richard Chiu – City of Daly City
<input type="checkbox"/>	<input checked="" type="checkbox"/> Eunee Kim – 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"/> Matthew Ruble – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/> Ken Anderson – City of South San Francisco
<input type="checkbox"/>	<input checked="" type="checkbox"/> Dave Bockhaus – City of South San Francisco
<input type="checkbox"/>	<input checked="" type="checkbox"/> Bianca Liu – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/> Matt Lee – City of San Bruno
<input checked="" type="checkbox"/>	<input type="checkbox"/> Alex Henry – City of South San Francisco
<input checked="" type="checkbox"/>	<input type="checkbox"/> Dennis Bosch – City of San Bruno

**II. PUBLIC COMMENT**

No comments from the public.

**III. ACTION TO SET AGENDA AND APPROVE THE CONSENT AGENDA**

- Adopt Resolution 2021-12-14 to continue conducting meetings of the Advisory Committee remotely due to public health concerns caused by the COVID-19 pandemic
- Approval of minutes of September 14, 2021 meeting
- Approve 2022 Committee meeting dates: March 8, June 14, September 13 and December 13



Resolution to continue meeting remotely, minutes for September 14, 2021 meeting, 2022 Committee meeting dates were approved. Motion was made by Gail DeFries and seconded by Richard Irli.

**IV. UPDATE ON COLMA CREEK FLOOD ZONE PROJECTS AND MAINTENANCE ACTIVITIES**

Mark Chow of San Mateo County Public Works said construction on the Channel Discharge Pipe Repair/Replacement Project will start July at the latest. Targeting completion in October 2022.

**V. DEBRIEF ON OCTOBER 24, 2021 ATMOSPHERIC RIVER EVENT AND DECEMBER 4-5, 2021 KING TIDE**

A slide was presented outlining the following locations where flooding was documented:

- Shaw Rd. from 220 Shaw to approximately 350 Shaw, roadway was completely underwater.
- Harbor Way from Utah Ave. to East Grand roadway was completely underwater.
- South Airport Blvd. between San Mateo and Utah Ave. Northbound #2 lane flooded, including Highway 101 underpass.
- San Mateo Ave. between So. Linden and Colma Creek entire roadway flooded.
- Treasure Island Mobile Home & RV Park. Banks of Colma Creek breached.
- Mission Road in front of Holy Cross Cemetery

Alex Henry stated that flooding on Shaw was a combination of things, Dennis Bosch added further detail.

Jovan Grogan suggested to do a study to understand the root cause.

Michael Barber said the County did a study of Navigable Slough that could be used a reference.

**VI. INCORPORATING CLIMATE-DRIVEN FUTURE CONDITIONS INTO CITY PLANNING AND ZONING DOCUMENTS**

Len Materman presented on the following:

- OneShoreline is working with cities to incorporate future climate-driven conditions into the City documents that guide the approval of development and infrastructure projects.
- These projects are intended to function for decades, during which time the impacts of climate change will grow, and thus these projects should be planned and designed to function under foreseeable future conditions and contribute to the sustainability of that area of the city.
- Building climate resilience now will avoid the much more difficult and costly retrofits later.
- On December 6, 2021, City of Burlingame became the first city in the Bay Area to incorporate into its zoning ordinance requirements to achieve SLR resilience. Other cities have expressed interest in adding this to their key planning documents.
- This zoning ordinance includes requirements that new public and private infrastructure and development be:
  - Set back from shorelines and creeks to accommodate protection infrastructure, including waterfront public trails and nature-based protection where possible
  - Planned and built to incorporate protection infrastructure designed by the District and cities – variances can be made as long as the protection, ecosystem, and trail objectives can be met
  - Elevated, with the first floor of buildings and infrastructure 3 feet above current FEMA floodplain

**VII. BRIEF DISCUSSION OF UPCOMING COMMITTEE MEMBER TERM EXPIRATIONS**

- There are six members whose terms expire early next year (March 31, 2022)
- For City/Town Appointed Representatives:
  - City Council to make new appointment
  - Send Makena Wong record of Council decision



- For Board Appointed Representatives (Members “At Large”):
  - Choose whether to continue serving on Committee
  - Send Makena decision via email by 1/14
  - OneShoreline will bring to Board for approval by March 2022

**VIII. ADJOURNMENT**

**NEXT MEETING**

Tuesday, March 8, 2022, 3:00 p.m.



## Colma Creek Citizens Advisory Committee Meeting

Tuesday, March 8, 2022, 3:00 pm (Remote Meeting)

### 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.

### Planning and Coordination with City of South San Francisco's General Plan

1. The City of South San Francisco released the Public Draft of its General Plan and Climate Action Plan at the end of February 2022. The documents will be available for public review through May 1, 2022. In addition to providing feedback through interactive surveys at the City's General Plan website ([www.shapessf.com](http://www.shapessf.com)), the community is invited to join the following in-person and virtual interactive meetings to review and provide feedback on the draft General Plan and Climate Action Plan:
  - Wed, March 8, 6 pm – Virtual Community Advisory Committee. Overview of General Plan Update and Climate Action Plan, followed by break out rooms on specific topics.
  - Tue, March 22, 3 pm – In-person Community Open House @ Orange Memorial Park, Fernekas Bldg. Multiple stations set up where community members can review and ask questions.
  - Wed, April 6, 6 pm – Joint City Council/Planning Commission Study Session #2 (potential for hybrid in-person / virtual, TBD). Focus on Climate Action Plan and related topics.
  - Tue, April 12, 6 pm – Virtual Community Advisory Committee. Focus on Climate Action Plan.
  - Wed, April 20, 6 pm – Joint City Council/Planning Commission Study Session #3 (potential for hybrid in-person / virtual, TBD). Focus on Land Use and Mobility elements.

Details, including links to join virtual events, are outlined at the City website ([www.shapessf.com](http://www.shapessf.com)).

OneShoreline will be in communication with the City on this effort and plans to agendaize at a future Committee meeting an update on the General Plan as it relates to Colma Creek.

OneShoreline also continues to manage the potential projects described below:

#### a. Utah Avenue to Navigable Slough Flood Protection Project

Cal OES, County DPW, and OneShoreline staff met on December 15, 2021 to discuss a request by County/OneShoreline to extend a Cal OES grant and modify the project scope to enable natural improvements to Colma Creek and align with the City of South San Francisco's General Plan process. Cal OES did not support a time extension and directed County DPW to close out the grant and seek reimbursement for previous expenses related to it. County DPW submitted project closing and reimbursement request documents, but has not yet received funds -- any reimbursement received will be returned to the Colma Creek Flood Zone fund balance.

#### b. Produce Avenue Area Channel Bank Project

No updates. The project remains on hold pending ongoing coordination with the City of South San Francisco's General Plan process and other planning efforts involving Colma Creek.

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

This project will repair or replace deteriorated discharge pipes. County staff contacted three Job Order Contract (JOC) contractors and received two proposals ranging from \$612,510 to \$866,478. The project is



anticipated to begin construction in August 2022 and be completed by the end of October 2022, in accordance with the conditions of the Colma Creek Long-Term Maintenance Permits.

**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. Work Completed Under Colma Creek Long-Term Maintenance Permits**

**\*Update on Permit Extension:** Because the current State and federal permits to maintain the channel expire soon, County staff and its consultants have engaged with the following regulatory agencies to renew or secure new permits (which will now be held by OneShoreline):

- **CA Dept. of Fish & Wildlife (CDFW) Lake and Streambed Alteration Agreement (LSAA):**  
In December 2021, CDFW granted requests to transfer the existing permit to OneShoreline and extend it by five years (to December 31, 2026). All other conditions in the original LSAA remain in effect.
- **U.S. Army Corps of Engineers (USACE) Nationwide Permit** (expires 03/18/2022): The application package was submitted to the USACE on 11/23/2021.
- **San Francisco Bay Regional Water Quality Control Board (Regional Board) Section 401 Certification:** The initial request was submitted on November 22, 2021, and a pre-application meeting was held on January 25, 2022, both of which are required before submitting a 401 Certification application. Based on input gathered from the Regional Board during the pre-application meeting, a complete 401 certification application package is currently being compiled to be submitted in the next few weeks.

### **a. Ongoing Maintenance and Minor Repairs**

The quarterly inspection of the Colma Creek Flood Control Channel was performed on February 4 and 7, 2022 by staff from the County, OneShoreline, and the City of South San Francisco -- see attached Appendix C. The inspection also included an instream walk from the Orange Avenue access ramp upstream to the culvert at the South San Francisco BART Station. County staff are in the process of compiling the 2022 Colma Creek maintenance activities list. In anticipation of not being able to renew the current USACE and Water Board permits in time for the 2022 maintenance activities, our objective is to have a County JOC in place for this work prior to the 3/18/22 USACE permit expiration date, which would allow the work to be completed later this year under the current permits.

Illegal dumping is still being observed on the Colma Creek service road downstream of the Utah Avenue bridge, and active homeless encampments were observed there and under the South Airport Boulevard and Produce Avenue bridges. These sites continue to be a concern for impact to the channel and water quality.

### **b. El Camino Box Culvert and Mission Road Diversion Structure**

As previously reported, all El Camino Real box culvert repairs were completed in September 2021.

### **c. Work Completed through Maintenance Agreement with BART**

No updates.

## **2. Sediment Dredging Downstream of Utah Avenue**

On behalf of OneShoreline, the County uses bathymetric surveys to monitor sediment depositions in the channel from Utah Avenue bridge to Navigable Slough. A new survey was conducted in late 2021 and the results are being analyzed. These results will be compared to a similar study five years ago to determine whether the channel's 50-year storm flood conveyance capacity has been reduced and dredging is needed.

## **3. Mitigation Site Maintenance**

As mentioned in Item 1a above, there has been an increase in trash accumulation within the channel. Trash cleanup has not occurred since December 11, 2021 due to challenges with the Sheriff Work Program (SWP).



OneShoreline and County staff, in conjunction with Ecological Concerns, Inc., are planning a Habitat Restoration and Cleanup event to plant native plants and pick up trash on March 5, 2022 with students from the Alta Loma Middle School in South San Francisco.

With COVID-19 restrictions and social distancing still in place and budget reductions to the SWP, County staff expects the amount of trash removed this year will be less than during previous years. The use of contractors to perform trash pickup is an option to make up for this reduction, but the cost would be higher. This table summarizes the trash removed from the Mitigation Sites since 2005 and trash pick-up dates in 2021.

Year	Trash Removed in cubic yards	Event Dates
2021	19.48	1/23, 2/20, 3/20, 4/17, 4/24, 5/29, 6/26, 7/24, 8/7, 9/18, 10/16, 11/6, 12/11
Total (2005-2021)	718.59	

In addition, 227.76 cubic yards of trash has been removed from other sites along the channel since 2005.

#### 4. Municipal Regional Permit (MRP)

##### a. Contribution to Orange Memorial Park Operations & Maintenance

No updates.

##### b. Co-permittee Administration

No updates.

#### 5. Maintenance Agreements

a. **With the City of South San Francisco:** No updates.

b. **With the Town of Colma:** No updates.

**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.

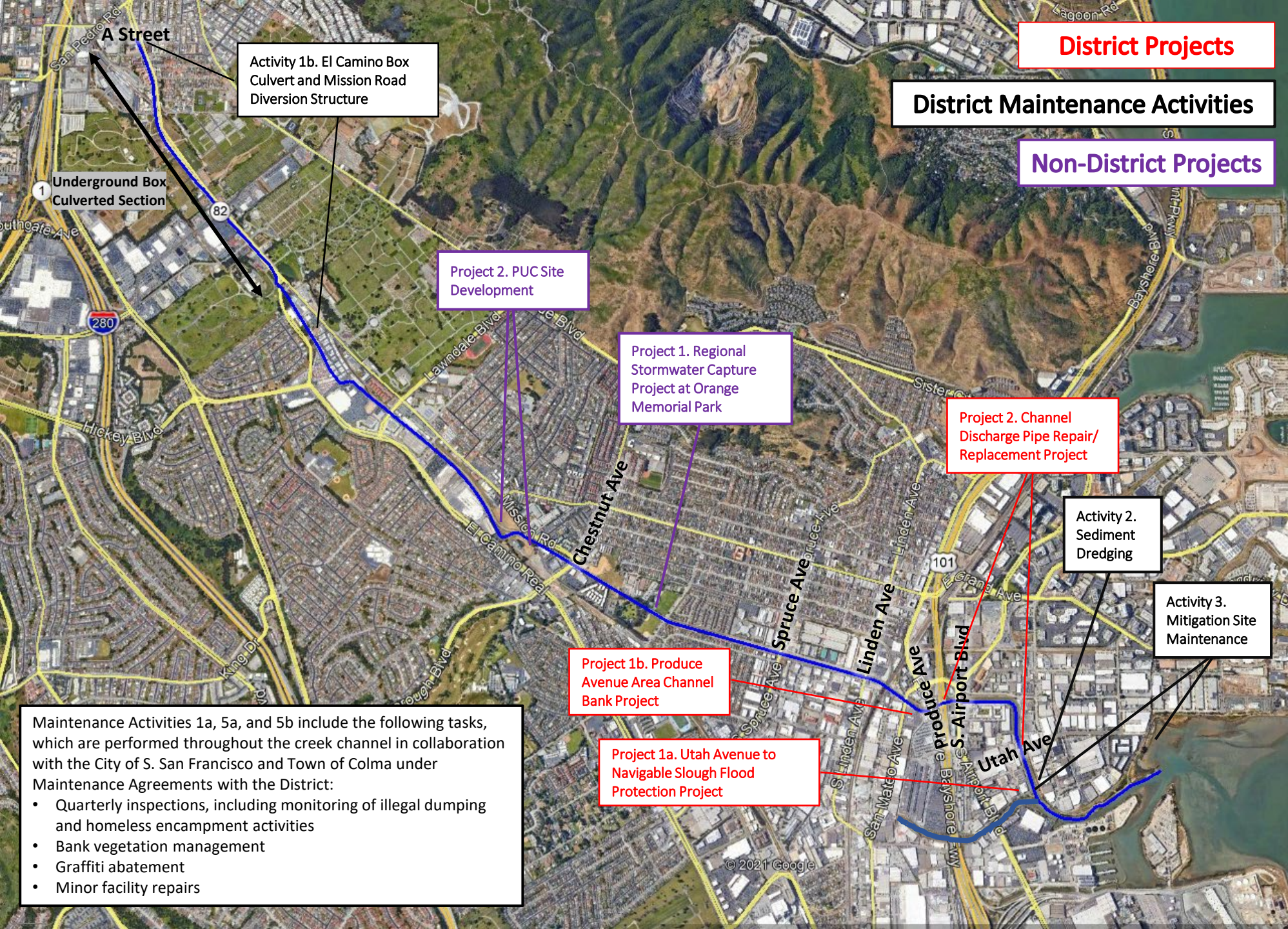
#### 1. Regional Stormwater Capture Project at Orange Memorial Park (City of South San Francisco and San Mateo Countywide Water Pollution Prevention Program)

The Orange Memorial Park Stormwater Capture project construction continues on schedule, with the majority of the construction installed for the storm water capture system now buried. All work requiring access to Colma Creek has been completed. The remaining work includes electrical and network connections with the water treatment equipment, irrigation work, and surface finishes, including concrete and landscape restoration. Completion of the project is anticipated in May 2022.

#### 2. PUC Site Development

On February 17, OneShoreline met with developers to discuss updates to designs for two buildings and adjacent park and trail enhancements along Colma Creek, including potential improvements to the Creek channel that would be completed by the developer. OneShoreline plans to meet with the developers again in a few months to review proposals for any improvements.





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



# Appendix B: Colma Creek Flood Zone Project and Maintenance Activities Budget

March 8, 2022, Update

		Total of Prior 5 Years (FY14-15 through 18-19)*	2019-20 (Actual)*	2020-21 (Actual)	2021-22 (Estimated)	2022-23 (Estimated)	
<b>Revenue</b>		\$ 21,130,749	\$ 5,350,021	\$ 4,916,434	\$ 3,306,675	\$ 3,306,675	
<b>Project Expenditures</b>							
Project Number	Project Name						Total (FY14-15 through 22-23)
1	Planning & Coordination with SSF General Plan for Colma Creek and Navigable Slough						
	Staff engagement with SSF and stakeholders	\$ -	\$ -	\$ 4,178	\$ 45,000	\$ -	\$ 52,000
	Technical analysis and Master Plan preparation	\$ 71,381	\$ 14,568	\$ 2,499	\$ 60,000	\$ -	\$ 161,449
	Project Administration	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000
	Project Total						\$ 238,449
1a	Utah Avenue to Navigable Slough Flood Protection Project						
	Preliminary Study	\$ 53,790	\$ -	\$ -	\$ 100,000		\$ 153,790
	Design & Permitting	\$ 298,796	\$ 5,179	\$ 13,517	\$ -	\$ -	\$ 323,974
	Construction & Mitigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Project Administration	\$ 162,146	\$ 105,285	\$ -	\$ 30,000	\$ -	\$ 297,431
	Project Total						\$ 775,195
1b	Produce Avenue Area Channel Bank Project						
	Preliminary Study	\$ 105,926	\$ -	\$ -	\$ -	\$ 100,000	\$ 205,926
	Design & Permitting	\$ 95,301	\$ -	\$ -	\$ -	\$ -	\$ 95,301
	Construction & Mitigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Project Administration	\$ 25,612	\$ 19,831	\$ 4,025	\$ -	\$ 50,000	\$ 99,468
	Project Total						\$ 400,695
2	Channel Discharge Pipe Repair/ Replacement (between U.S. Highway 101 & Utah Ave)						
	Design & Permitting	\$ -	\$ 67,308	\$ 8,219	\$ 50,000	\$ -	\$ 152,308
	Construction	\$ -	\$ -	\$ -	\$ -	\$ 673,761	\$ 673,761
	Project Administration	\$ -	\$ 69,799	\$ 21,768	\$ 12,500	\$ 168,440	\$ 275,739
	Project Total						\$ 1,101,808
Total Project Expenditures/Estimates		\$ 812,952	\$ 281,969	\$ 54,207	\$ 322,500	\$ 992,201	\$ 2,516,148
<b>Maintenance Activities Expenditures</b>							
Activity Number	Activity Name						Total (FY14-15 through 22-23)
1a	Colma Creek Long-Term Maintenance Permit: Ongoing Maintenance/Minor Repairs						
	Design & Permitting	\$ 201,862	\$ 29,020	\$ -	\$ 56,000	\$ -	\$ 286,881
	Construction	\$ 360,054	\$ 80,645	\$ 221,612	\$ 1,453,363	\$ 230,000	\$ 2,174,062
	Project Administration	\$ -	\$ -	\$ -	\$ 377,341	\$ 57,500	\$ 434,841
	Project Total						\$ 2,895,784
1b	Colma Creek Long-Term Maintenance Permit: El Camino Real Culvert/Mission Road Diversion Structure						
	Design	\$ 80,441	\$ -	\$ -	\$ -	\$ -	\$ 80,441
	Construction	\$ 91,883	\$ -	\$ 164,654	\$ 300,000	\$ -	\$ 656,883
	Project Administration	\$ -	\$ 1,479	\$ -	\$ 75,000	\$ -	\$ 142,729
	Project Total						\$ 880,054
1c	Colma Creek Long-Term Maintenance Permit: BART Maintenance Agreement (Mission Road - Oak Avenue)						
	Construction	\$ 65,386	\$ -	\$ -	\$ 150,000	\$ -	\$ 215,386
	Project Administration	\$ 21,994	\$ -	\$ -	\$ 37,500	\$ -	\$ 59,494
	Project Total						\$ 274,880
1d	Colma Creek Long-Term Maintenance Permit: Admin						
	Project Administration	\$ -	\$ -	\$ 188,501	\$ 200,000	\$ 200,000	\$ 600,000
	Project Total						\$ 600,000
2	Sediment Dredging (Between Utah Ave. to Navigable Slough)						
	Sediment Study & Monitoring	\$ 40,400	\$ -	\$ -	\$ 38,565	\$ -	\$ 78,965
	Design & Permitting	\$ 8,593	\$ -	\$ -	\$ -	\$ -	\$ 8,593
	Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Project Administration	\$ 12,248	\$ -	\$ -	\$ 9,641	\$ -	\$ 21,889
	Project Total						\$ 109,447
3	Mitigation Site Maintenance (Sites 2, 3 & 4)						
	Annual Maintenance Activities	\$ 395,085	\$ 3,910	\$ -	\$ -	\$ -	\$ 398,995
	Design & Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Construction	\$ -	\$ 15,212	\$ -	\$ -	\$ -	\$ 15,212
	Project Administration	\$ -	\$ 103,707	\$ 83,293	\$ 90,000	\$ 90,000	\$ 323,707
	Project Total						\$ 737,914
4a	Municipal Regional Permit: Contribution to Orange Memorial Park O&M						
	Construction	\$ -	\$ -	\$ -	\$ -	TBD	\$ -
	Project Administration	\$ -	\$ -	\$ -	\$ -	TBD	\$ -
	Project Total						\$ -
4b	Municipal Regional Permit: Admin						
	Project Administration	\$ 51,899	\$ 7,586	\$ 6,901	\$ 7,700	\$ 7,700	\$ 82,586
	Project Total						\$ 82,586
5a	Maintenance Agreement with South San Francisco						
	Annual Maintenance Activities	\$ 12,364	\$ -	\$ 5,546	\$ 45,000	\$ 45,000	\$ 112,364
	Project Administration	\$ -	\$ -	\$ 2,811	\$ 2,000	\$ 2,000	\$ 7,000
	Project Total						\$ 119,364
5b	Maintenance Agreements with Colma						
	Annual Maintenance Activities	\$ 48,622	\$ -	\$ -	\$ 35,000	\$ 35,000	\$ 118,622
	Project Administration	\$ -	\$ -	\$ 4,634	\$ 2,000	\$ 2,000	\$ 9,000
	Project Total						\$ 127,622
Total Maintenance Activities Expenditures/Estimates		\$ 1,390,830	\$ 241,559	\$ 677,952	\$ 2,879,110	\$ 669,200	\$ 5,827,649
Total Expenditures/Estimates		\$ 2,203,782	\$ 523,528	\$ 732,159	\$ 3,201,610	\$ 1,661,401	\$ 8,343,797
<b>Fund Balance at Ending of Fiscal Year</b>			\$ 26,031,019	\$ 29,746,181			

\*Expenditures for FY14-15 through FY19-20 do not include staff time



**Appendix C**  
**Colma Creek Channel Maintenance Monitoring Photos**  
Survey Dates: February 4 & 7, 2022  
**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 Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 3 & 4** – Top photo shows new homeless encampment on the Colma Creek Service Road downstream of Utah Avenue. Bottom photo shows new work conducted on the storm drain inlet at 180 Utah Avenue. **County staff has notified SSF staff via SeeClickFix.**



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



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



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 7 & 8** – Top photo shows Colma Creek looking upstream toward the S. Airport Blvd. bridge. Bottom photo shows homeless encampment beneath the S. Airport Blvd. bridge.



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 9 & 10** – Top photo shows Colma Creek looking downstream from the S. Airport Blvd. bridge. Bottom photo shows new conduits attached to the S. Airport Blvd. bridge for a fiberoptic lines installation project.



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 11 & 12** – Top photo shows hotel at 245 S. Airport Blvd. Workers at this hotel were observed dumping trash over the wall into the flood control channel. **SSF Environmental Compliance Staff is investigating the incident.** Bottom photo shows Colma Creek looking upstream from the S. Airport Blvd. bridge.



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022

### Produce Avenue to the Dissipater Teeth Maintenance Segment:



**Photos 13 & 14** – Top photo shows Colma Creek looking downstream towards the Highway 101 bridge. Bottom photo shows new homeless encampment on the southeast bank of Colma Creek at the Produce Avenue bridge. SSF Police Department and Caltrans are aware of the encampment.



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 15 & 16** – Top photo shows Colma Creek looking upstream of the Produce Avenue bridge. This location was dredged in September 2021 and has been filled in following winter storms. Stored sediment on the access road was off-hauled in December 2021. Bottom photo shows illegal dumping along the access road by the SSF sewer pump station; **County staff has notified SSF staff via SeeClickFix.**



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 17 & 18** – Top photo shows Colma Creek looking upstream from the San Mateo Avenue Bridge. Bottom photo shows illegal dumping/vandalism at the CalTrain bridge. **SSF staff is aware of the illegal activities.**



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022

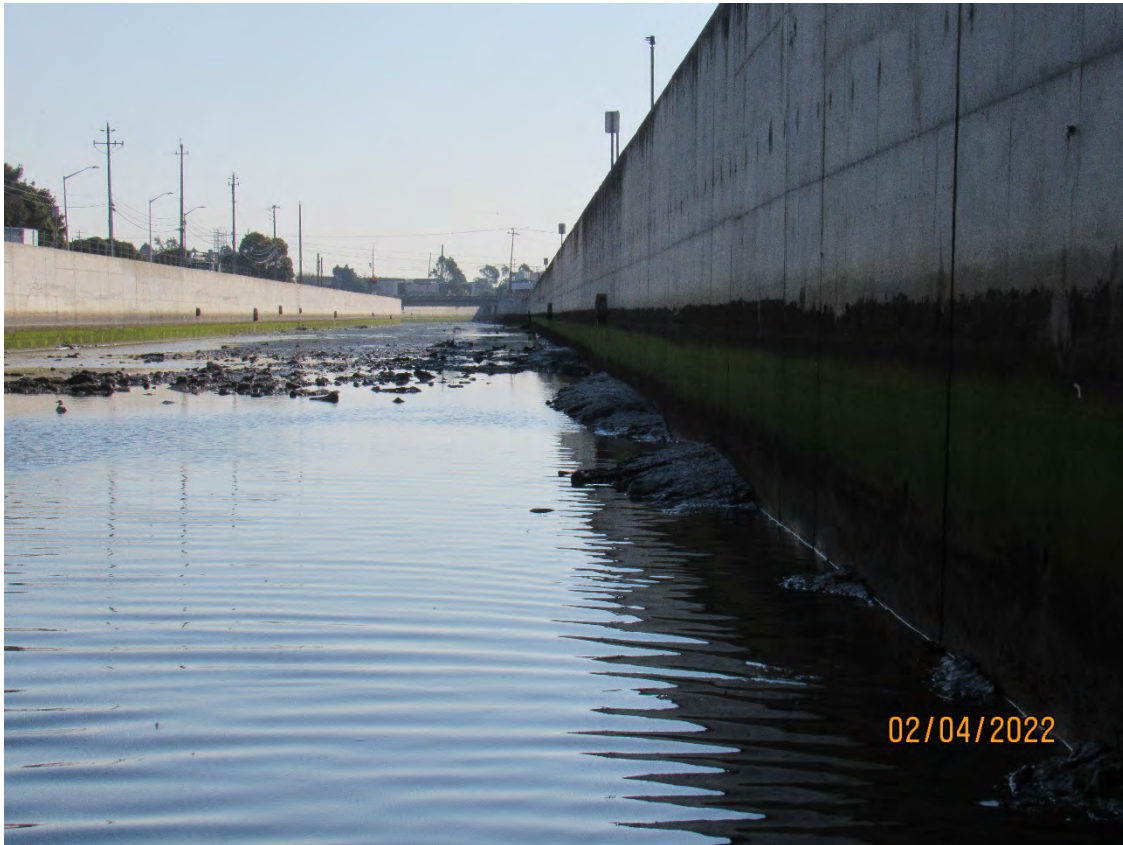


**Photos 19 & 20** – Top photo shows Colma Creek looking downstream from the Linden Avenue bridge. Bottom photo shows Colma Creek looking upstream from the Linden Avenue bridge.



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 21 & 22** – Top photo shows Colma Creek looking downstream from within the channel at the Spruce Avenue Bridge. Bottom photo shows one of the inactive box culverts downstream of Spruce Avenue bridge. There is sediment accumulation, concrete spalling and exposed rebar on the side wall at the top right of the outfall. **County staff recommend including this site in the 2022 maintenance list to address concrete spalling and exposed rebar.**



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 23 & 24** – Top photo shows exposed rebar at the joint between the wall and the channel bottom at multiple locations between the Spruce Avenue and Orange Avenue bridges. **County staff recommend including this site in the 2022 maintenance list to address exposed rebar.** Bottom photo shows Colma Creek looking upstream toward the Orange Avenue bridge from within the channel.



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 25 & 26** – Top photo shows Orange Memorial Park Stormwater Capture Project flow diversion gate currently closed as the project is still under construction. Channel bottom was also reconstructed to facilitate diversion of flow. Bottom photo shows chlorinated water being discharged into the channel from a culvert upstream of the 12-mile Creek confluence. **SSF Environmental Compliance will conduct an investigation.**



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 27 & 28** – Top photo shows exposed rebar on the upstream side of the Chestnut Avenue bridge. County staff recommend including this site in the 2022 maintenance list to address exposed rebar. Bottom photo shows Colma Creek looking upstream from the Chestnut Avenue bridge.



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 29 & 30** – Top photo shows vegetation growing through a CMP culvert outlet located between the Centennial Way pedestrian bridge and the Chestnut Avenue bridge even though the culvert was repaired in 2018, possibly due to accumulated sediment. Bottom photo shows Colma Creek looking upstream from the Centennial Way pedestrian bridge.



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 31 & 32** – Top photo shows longitudinal crack observed within the channel upstream from the Centennial Way pedestrian bridge and in the vicinity of the Kaiser parking lot. Bottom photo shows joint cracking in the same vicinity. Uplifting and joint cracking was observed in the vicinity of the longitudinal crack. **County staff recommend an inspection of the various segments of channel between Spruce Avenue and the SSF BART Station by structural engineers in the next 2 years.**



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 33 & 34** – Top photo shows Colma Creek looking downstream from the Costco pedestrian bridge. Bottom photo shows new graffiti between the Costco pedestrian bridge and the Mission Road culvert. County staff recommend the Town of Colma conduct graffiti abatement in this segment of the channel under the MOA with OneShoreline.



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**Photos 35 & 36** – Top and bottom photos show epansion joint repairs made during 2021 in the channel segment between Mission Road box culvert and McLellan Drive. Some joints are exhibiting peeling and cracking. **County staff will contact contractor for repairs per terms of the warranty.**



## Colma Creek Channel Maintenance Monitoring Photos

Survey Dates: February 4 & 7, 2022



**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 the south bank of Old Colma Creek downstream of the diversion structure. Both photos show downed trees in the channel. **The Town of Colma has been notified and is investigating the activities.**



Members of the Colma Creek Citizens Advisory Committee			
Member Name/Designation	Appointed By	Member Since	Term Expiration
<b><i>City/Town Appointed Representatives (Members)</i></b>			
Helen Fisicaro, Town of Colma Representative	Colma Town Council	April 1, 2002	March 31, 2026
Sue Vaterlaus, City of Pacifica Representative	Pacifica City Council	April 1, 2018	March 31, 2024
Mike Futrell, City of South San Francisco Representative	South San Francisco City Council	July 23, 2014	March 31, 2026
Jovan Grogan, City of San Bruno Representative	San Bruno City Council	April 1, 2020	March 31, 2026
Raymond Buenaventura, City of Daly City Representative	Daly City Council	April 1, 2019	March 31, 2026
<b><i>Board Appointed Representatives (Members "At Large")</i></b>			
Gail DeFries, City of Daly City Member At Large	OneShoreline Board of Directors	April 1, 2002	March 31, 2026
Edward Bortoli, City of South San Francisco Member At Large	OneShoreline Board of Directors	December 31, 2014	March 31, 2026
Richard Irli, City of South San Francisco Member At Large	OneShoreline Board of Directors	September 9, 2014	March 31, 2025
Ryan Mayfield, City of South San Francisco Member At Large	OneShoreline Board of Directors	April 1, 2020	March 31, 2024