Meeting Objectives

- Present and answer questions on projects and maintenance activities in the Colma Creek Flood Zone
- Discuss update to 2019 Colma Creek Modeling Report

AGENDA

I. Roll Call

II. Approve minutes of December 8, 2020 meeting

III. Public Comment

IV. Update on Colma Creek Flood Zone Projects and Maintenance Activities
   a. Project Summaries, Locations, and Budgets
   b. Project Update: City of South San Francisco Orange Memorial Park Stormwater Capture Project
   c. Maintenance Agreements Update

V. Update to the 2019 Colma Creek Hydrology & Hydraulic Modeling Analysis Report

VI. Adjournment
A Street Underground Box Culverted Section

Colma Creek Flood Zone Projects & Maintenance Activities

Project 1a. Utah Ave to Navigable Slough Flood Protection

Project 1b. Produce Ave Area Creek Bank

Project 1c. Long-term Planning for Navigable Slough

Project 2. Channel Discharge Pipe Repair/Replacement

Project 3. El Camino Culvert and Mission Rd Diversion

District Projects

Appendix A
Colma Creek Flood Zone Projects & Maintenance Activities
General Maintenance performed by SSF and Colma through Maintenance Agreements with the District:
- Inspections, including of dumping and encampments
- Bank vegetation management
- Graffiti abatement

### Project 1a. Utah Ave to Navigable Slough Flood Protection

### Project 1b. Produce Ave Area Bank

### Project 1c. Long-term Planning for Navigable Slough

### Project 2. Channel Discharge Pipe Repair/Replacement

### Project 3. El Camino Culvert and Mission Rd Diversion

### Activity 1. Mitigation Site Maintenance

### Activity 2a. Sediment Dredging

### Activity 2b. Sediment Dredging

### Appendix A
Colma Creek Flood Zone Projects & Maintenance Activities
A Street
Underground Box Culverted Section

Project 2. PUC Site Development

Project 1. Regional Stormwater Capture Project at Orange Memorial Park

Project 3. El Camino Culvert and Mission Rd Diversion

General Maintenance performed by SSF and Colma through Maintenance Agreements with the District:
• Inspections, including of dumping and encampments
• Bank vegetation management
• Graffiti abatement

Appendix A
Colma Creek
Flood Zone Projects & Maintenance Activities

Project 1a. Utah Ave to Navigable Slough Flood Protection

Project 1b. Produce Ave Area Bank

Activity 2a. Sediment Dredging

Activity 2b. Sediment Dredging

Activity 1. Mitigation Site Maintenance

Project 1c. Long-term Planning for Navigable Slough
Orange Memorial Park Regional Stormwater Capture Project
Colma Creek Hydrology and Hydraulic Modeling Analysis

December 6, 2019

Prepared For
COUNTY OF SAN MATEO
DEPARTMENT OF PUBLIC WORKS

Prepared by
PARADIGM ENVIRONMENTAL

Flood and Sea Level Rise Resiliency District

Northwest Hydraulic Consultants

Colma Creek and Navigable Slough Hydrologic and Hydraulic Modeling Project
December 10, 2019

OneShoreline.org
### Update to 2019 Colma Creek Modeling Report

**Table C-4. 1D HEC-RAS model results for future climate 100-year event. – Continued.**

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<th>HEC-RAS station (ft)</th>
<th>Structure</th>
<th>Max WSE¹ (ft NAVD88)</th>
<th>Max depth (ft)</th>
<th>Channel velocity (ft/s)</th>
<th>Bank top or structure soffit elevation² (ft NAVD88)</th>
<th>Freeboard to top of bank or structure soffit³ (ft)</th>
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<td>11.1</td>
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Four scenarios: Current 50-year, Current 100-year, Current 100-year with 3’ SLR, Future 100-year

Contact Makena Wong (mwong@oneshoreline.org) for more information

*OneShoreline
Building Solutions for a Changing Climate*
Next Advisory Committee Meeting

June 8, 2021 at 3:00 pm