March 14, 2023

Colma Creek Citizens Advisory Committee Meeting

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
Maintenance Activities 1a, 1b, 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

Appendix A
Map of Colma Creek Flood Zone Projects and Maintenance Activities
Agenda Item 5

Presentation by Hassell providing an overview of their Colma Creek Schematic Design
COLMA CREEK
RESTORATION & ADAPTATION
PROJECT
THE COLMA CREEK RESTORATION AND ADAPTATION PROJECT ACKNOWLEDGES THAT THE PROJECT SITE IS LOCATED ON THE UNCEDEDED ANCESTRAL HOMELAND OF THE RAMAYTUSH OHLONE PEOPLES.

THE PROJECT RECOGNIZES THAT, AS THE ORIGINAL STEWARDS OF THIS LAND, THE RAMAYTUSH OHLONE UNDERSTOOD THE INTERCONNECTEDNESS OF ALL THINGS AND MAINTAINED HARMONY WITH NATURE FOR MILLENNIA. THE PROJECT HONORS THE RAMAYTUSH OHLONE PEOPLES FOR THEIR ENDURING COMMITMENT TO MOTHER EARTH.
AGENDA

1. PROJECT BACKGROUND
2. COLMA CREEK RESTORATION AND ADAPTATION PROJECT
3. SCHEMATIC DESIGN PROPOSALS
4. PUBLIC ENGAGEMENT
5. QUESTIONS
PROJECT BACKGROUND

2017

RESILIENT BY DESIGN CHALLENGE

RESILIENT SOUTH CITY

COLMA CREEK ADAPTATION PLANNING

COLMA CREEK RESTORATION AND ADAPTATION PROJECT

2023

WE ARE HERE
RESTORATION AND ADAPTATION PROJECT

STAGE 1: CONCEPT DESIGN
STAGE 2: SCHEMATIC DESIGN
STAGE 3: 35% DESIGN DEVELOPMENT
STAGE 4: IMPLEMENTATION PLAN

WE ARE HERE

STAKEHOLDER ENGAGEMENT
PUBLIC ENGAGEMENT
A HABITAT-LED PROJECT

THE COLMA CREEK RESTORATION & ADAPTATION PROJECT AIMS TO RESTORE & EXPAND TIDAL AND SUB-TIDAL HABITAT FOR THE ENDANGERED RIDGWAY’S RAIL. BY DOING THIS, THE PROJECT WILL CREATE A CRITICAL “STEPPING STONE” HABITAT IN THE CENTRAL BAY FOR THIS IMPORTANT SPECIES.
PROJECT SCOPE

FLOODABLE PARKS

Urban green infrastructure initiatives including additional street tree planting, swales and raingardens

STREETS

Improved public access, including bringing people to the creek and drawing people along the creek

UTAH TO THE BAY - TIDAL MARSH

A series of site specific places to stop, rest and pause

PROJECT SCOPE
SCHEMATIC DESIGN PROPOSALS
UTAH TO BAY
SITE CONSTRAINTS
S LINDEN - SAN MATEO

- Pump Stations - 6 & 9 - continuing to function, life expectancy of existing infrastructure
- Caltrain - upgrades
- Contaminated land
- Jet fuel line
- Below ground utilities and services

7 South Linden Development

Pump Station 6

Contaminated land

RL 14' +
+TW 15'

Pump Station 9

RS Business Park Development

San Mateo

South Linden Ave

Colma creek
Restoration & Adaptation Project

Hassell ©
FLOODABLE PARKS - A PHASED APPROACH

Partial removal of existing flood wall

Incremental naturalising of the creek edge through the creation of creek terraces
FLOODABLE PARKS - A PHASED APPROACH

Phase 1 - An immediate project opportunity
- Treatment/removal of contaminated soil
- Partial removal of existing flood wall
- Initial creek terraces created and planted
- Creation of public greenspace and recreation amenity - outdoor classroom and viewing platform, seating areas, natural play
- Creation of public access
- Restoration planting - upland riparian areas, creek edge
- Showcases what a 'future re-imagined/naturalised creek edge might look like
- Public engagement/education/awareness about the creek, restoration, climate change/SLR scenarios, habitat creation

Phase 2 - Pump station 6 re-located

Phase 3 - Pump station 9 re-located

Phase 4 - Caltrain upgrades
**PHASE 1: S LINDEN - SAN MATEO**

- Treatment/removal of contaminated soil
- Partial removal of existing flood wall
- Initial creek terraces created and planted
- Creation of public greenspace and recreation amenity - outdoor classroom and viewing platform, seating areas, natural play
- Creation of public access
- Restoration planting - upland riparian areas, creek edge
- Showcases what a ’future re-imagined/naturalised creek edge might look like
- Early phase community involvement
- Public engagement/education/awareness about the creek, restoration, climate change/SLR scenarios, habitat creation
PHASE 2

PHASE 2 - PUMP STATION 6 RE-LOCATED
– Second section of existing flood wall removed
– Second set of creek terraces created
– S Linden to Caltrain creek ‘naturalised’

Timeframe considerations:
– redevelopment of Lindenville specific plan
– City-wide infrastructure upgrades

PHASE 3

PHASE 3 - PUMP STATION 9 RE-LOCATED
– Third section of flood wall removed
– Creek terraces created

Timeframe considerations:
– 2034 (30 years after upgrade)
– Floodwall lifespan
PHASE 4 - CALTRAIN UPGRADES
- Bridge upgrades, including widening bridge span and structure
- Pedestrian/cycle access created linking S Linden to San Mateo
PHASE 1: S LINDEN - CALTRAIN

Outdoor classroom & viewing platform

Creation of riparian features including swales and small ponds

Smaller seating areas

Upland restoration & planting

Public access from S Linden Ave

Natural play features

Creek terraces
PHASE 1: S LINDEN - CALTRAIN HIGH TIDE
PHASE 1: S LINDEN - CALTRAIN
PHASE 1: MITCHELL AVE
PHASE 1: MITCHELL AVE
PHASE 1: MITCHELL AVE HIGH TIDE
PHASE 1: MITCHELL AVE HIGH TIDE
Join us to start the regeneration process of Colma Creek. We will be having three volunteering days in the coming weeks and we’d love your help!

Bring a hat, a water bottle, sunscreen, and gardening gloves if you have them!

Volunteer dates will be Saturdays February 12th, 19th and 26th.

REGENERATION IN PROGRESS

To honour the next stage of the Colma Creek Restoration & Adaptation Project, Hassell is in partnership with the City of South San Francisco, Mission Blue Nursery, The Association of Ramayisht Ohonhe, and San Francisco Estuary Institute are establishing a series of test planting areas demonstrating the projects Noskemish ambitions.

As part of this initiative, we have planted a number of volunteer community planting days, alongside a program of educational workshops and outdoor classrooms designed to involve local residents, schools and youth. Working closely with The Association of Ramayisht Ohonhe and Mission Blue Nursery, these activities will give us the opportunity to engage with original peoples’ perspectives and traditional knowledge as well as providing hands-on experience in ecological restoration practices.

Importantly, this planting will physically demonstrate the beginning of the projects restoration of various habitats critical to its long-term success. With enough work and care we can regenerate the Colma Creek area to be a biodiversity haven - a place for all creatures to thrive, including you!

PROGRESO NG PAGBABAGONG-BUHAY

Upang malaman ang mabuti sa mundo ng pagbabago ng pagpapagamot sa pagpapagamot ng maikling mga planeta, paggawa ng propesyunal at maaaring isipin ng mga bata, kahayunan at lupa at nagbabago ng mabuti sa mundo ng pagpapagamot ng propesyunal at maaaring isipin ng mga bata, kahayunan at lupa at nagbabago ng mabuti sa mundo ng pagpapagamot ng propesyunal at maaaring isipin ng mga bata, kahayunan at lupa.

Sa pagbabago ng pagpapagamot, ilagay at nagbabago ng mabuti sa mundo ng pagpapagamot ng propesyunal at maaaring isipin ng mga bata, kahayunan at lupa at nagbabago ng mabuti sa mundo ng pagpapagamot ng propesyunal at maaaring isipin ng mga bata, kahayunan at lupa.

REGENERACIÓN EN PROGRESO

Para el lanzamiento de la próxima etapa del Proyecto de Restauración & Adaptación de Colma Creek, Hassell, en asociación con la Ciudad del Sur de San Francisco, Mission Blue Nursery, The Association of Ramayisht Ohonhe, y San Francisco Estuary Institute, establece un conjunto de áreas de plantación de prueba para demostrar las mismas.

Como parte de estas iniciativas, hemos planificado varias días de plantación comunitaria voluntaria, junto con un programa de talleres educativos y visitas al área. Estos eventos están diseñados para involucrar a los residentes locales, los estudiantes y los jóvenes.

El trabajo en estrecha colaboración con The Association of Ramayisht Ohonhe y Mission Blue Nursery, así como actividades con el fin de la sensibilización de actividades comunitarias para las perspectivas de las comunidades indígenas y el conocimiento tradicional, es imprescindible para el éxito de los mismos.

Es importante destacar que esta plantación demostrará físicamente el comienzo de los proyectos de restauración de varios hábitats, fundamental para su éxito a largo plazo.

Confecciones y cuidados, podemos regenerar el área de Colma Creek; pero eso no es suficiente para la biodiversidad, es necesario que todos los que viven en ella, se comprometan socialmente.
VOLUNTEER DAY - 26.2.22
INVASIVE SPECIES REMOVAL + PLANTING DAY

"WE HAD A LOVELY TIME ON SATURDAY! THE GROUP PLANTED 195 PLANTS IN THE DRY MEADOW AND CONTINUED WORKING ON THE ICE PLANT REMOVAL"

ARIEL
EDUCATIONAL WALKS
(DIGITAL AND IN PERSON)

1. SIGN
2. STENCIL
3. WALKING ROUTE
4. STOPPING POINT

START

1.

2.

3.

4.

5.

6.

FINISH

MANUAL

+ TRANSLATIONS

Educational Walk Guide Manual
COMMUNITY ENGAGEMENT CONTENT

ON-SITE SIGNAGE

ENGLISH

REGENERATION IN PROGRESS

SPANISH

REGENERACIÓN EN PROGRESO

TAGALOG

PROGRESO NG PAGBABAGONG-BUHAY

EDUCATIONAL POSTERS TO BE DISTRIBUTED

POSTCARDS

STICKERS

I ❤️ COLMA CREEK

I ❤️ COLMA CREEK
QUESTIONS
Next scheduled Committee Meeting
Tuesday, June 13, 2023
3:00 p.m.