

SAN FRANCISCO



ESTUARY
PARTNERSHIP



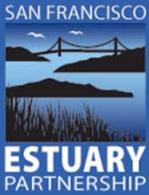
San Pablo Avenue Green Stormwater Spine

Project Overview

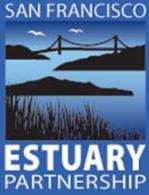
August 1, 2012

Joshua Bradt



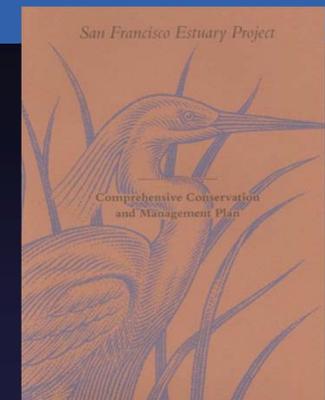


- San Francisco Estuary Partnership
- Project Approach/Goals
- Partners & Rolls
- Project Components & Timeline
- Funding Sources
- Status Update



San Francisco Estuary Partnership

- Collaborative, Non-regulatory Public Agency
- Mission: to protect, restore, and enhance water quality and fish and wildlife habitat in and around the San Francisco Bay Delta Estuary
- Creator and Manager of the *Comprehensive Conservation and Management Plan*
 - 200+ actions over 9 program areas
 - 100+ stakeholders





SFEP Core Relationships

Implements CCMP
Coordinates implementing agencies

SFEP

Section 320 NEPs
Founded SFEP

EPA

ABAG

Water Board

Lead CCMP implementer
Physical home of SFEP

9 counties, 101 cities
Regional land use, planning
SFEP's institutional home



San Pablo Avenue Green Stormwater Spine Project Description/Approach

- Implement green infrastructure facilities in seven cities along SPA
- Treat runoff from of 7 acres of impervious surface (min.) – one acre per city
- Emphasis on vegetated approaches in public right-of-way



Four Key Project Goals

- Demonstrate Benefits and Effectiveness of Green Retrofits
- Improve Water Quality
- Increase Public Awareness
- Increase Municipal Acceptance



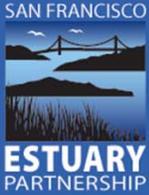


Project Partners and Roles

Estuary Partnership (Project Manager)	City Partners	SF Estuary Institute	Bay-Friendly Coalition
<ul style="list-style-type: none"> • consultants • contractors • CEQA process • outreach efforts • model ordinance • grant reporting budgets 	<ul style="list-style-type: none"> • Site selection and available information • Design review/approval • facilitate local permit acquisition • local outreach participation • maintenance training workshop attendance • long-term maintenance 	<ul style="list-style-type: none"> • Project Assessment & Evaluation Plan • water quality & hydrologic monitoring • ReNUWit -- specialized water quality monitoring 	<ul style="list-style-type: none"> • Planting plan guidance • Bay-Friendly certified rating (all sites)



Major Project Tasks	Timeline	Funding Source
Project Management/Admin	On-going-Dec 2015	All funders
Design & Engineering	Summer-Winter 2012	EPA/UG
Environmental Review & Permits	Fall/Winter 2012	EPA/UG
Construction & Construction Management	Summer-Winter 2013	Caltrans/IRWM/UG
Water Quality & Hydrologic Monitoring	Fall 2012 - 2015	IRWM
Plant Establishment/Maintenance	Spring 2014-Fall 2015	IRWM/UG
Model Green Infrastructure Ordinance	Fall 2014	EPA
Regional Outreach	On-going-Dec 2015	IRWM



Funding Sources	Total Amount
US EPA – San Francisco Bay Water Quality Improvement Fund	\$307,646
California Department of Transportation (SF-Oakland Bay Bridge Mitigation)	\$1,800,000
DWR – Integrated Regional Water Management Program (Prop 84)	\$2,000,000
Strategic Growth Council – Urban Greening Project Grant (Prop 84)	\$717,692
TOTAL AMOUNT	\$4,825,338



Status Update

- Design – starts today
- Contracts/Agreements in development – City partners, Caltrans, Urban Greening, SFEI
- Contracts/Agreements not started – Bay Friendly Coalition, ReNUWit (fall)
- CEQA – anticipate CatEx filing, under review by ABAG Legal Counsel

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Josh Bradt

jbradt@waterboards.ca.gov

510.622.5048

www.sfestuary.org



Photograph by Dan Cloak

