

SEDI MATCH

WHAT IS SediMatch?



PHOTO CREDIT: SHIRA BEZALEL, SFEI

SediMatch is a collaborative program of the San Francisco Bay Joint Venture (SFBJV), the San Francisco Bay Conservation and Development Commission (BCDC), the San Francisco Estuary Institute (SFEI), the San Francisco Estuary Partnership (SFEP), and others to bring together the wetland habitat restoration, flood control, and dredging communities to discuss challenges and find mutually beneficial strategies to increase reuse of dredged sediment at habitat restoration sites.

GOALS INCLUDE

- ▶ 1) create healthy habitats while maximizing beneficial reuse of sediment;
- ▶ 2) develop an easily accessible database where sediment needs can be matched with surplus sediment; and
- ▶ 3) provide opportunities for collaboration.

These three goals combined will help our region keep up with sea level rise and create resilient shorelines. They align with and support maximizing beneficial reuse of dredged sediment as described in the Long Term Management Strategy for Placement of Dredged Material in the San Francisco Bay Region (LTMS) Program. In addition, the Baylands Ecosystem Habitat Goals Climate Change Update (BEHGU) identifies and recommends using dredged sediment to accelerate the rate and scale of wetland restoration through sediment supply augmentation.

2011

Joint meeting of BCDC's LTMS and SFBJV to explore "Sediment Issues Facing San Francisco Bay."

2012

USEPA funds Flood Control 2.0, an innovative regional project that integrates habitat improvement and flood risk management at Bay interface.

2013

"SediMatch" kick-off meeting between dredgers and project managers hosted by SFBJV and BCDC.

2014

Dredging community joined SFBJV on field trip to Cullinan Ranch and Sears Point. Strong interest in more field trips and collaborative opportunities.

BPC hosted workshop on "Challenges & Opportunities to Dredging and Beneficial Reuse."



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SediMatch WEB TOOL: sedimatch.sfei.org

Match available sediment with opportunities for beneficial re-use.

Sediment wanted of type bay mud
Project Name: Cullinan Ranch Wetland Restoration
Latitude: 38.13733, Longitude: -122.32949
Access: water
Offload: hydraulic pumping
Quality: cover
Original Quantity: 2,800,000 yards³
Accepting Until: 01/01/2018
Contact:
Name: Russ Lowgren
Email: rlowgren@ducks.org
Last Updated: 02/28/2017

SediMatch Menu
Start Date: 09/11/2017 End Date: 09/11/2018
Available Wanted
San Francisco Creek Flood Reduction, Ecosystem Restoration and Recreation Project, San Francisco Bay to Highway 101 - **bay mud**
Lagunitas Creek Floodplain Restoration and Sediment Reduction Project - **upland soils**
Benica Marina - **bay mud**
Download All Data

SediMatch Data Entry Request Form
*Project Name: Wetland Restoration
Sediment Information
*Request Type: wanted
*Sediment Type: bay mud, gravel, sand, upland soils
Original Quantity: 100 yards³
*Sediment Quality: unknown, cover, noncover (foundation)
*Start Date: mm/dd/yyyy End Date: mm/dd/yyyy
Primary Contact Information
Are you the primary contact?

WHAT'S NEXT?

- Develop advanced tracking and filtering
- Highlight sediment matches
- Link to testing results
- Conduct trainings and outreach
- Include upland soils

USEFUL/RELATED WEBSITES:

- <http://www.sfei.org/flood-control-20>
- <http://www.sfei.org/projects/sedimatch-web-tool>

BCDC hosted coordination meeting for dredging and restoration project sponsors to discuss collaborative opportunities for 2015.

2015

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Kick-off meeting for SediMatch Web Tool hosted by SFBJV, SFEI, BCDC and SFEP.

Release of Baylands Ecosystem Habitat Goals (BEHGU) Science Update.

2016

Beta version of SediMatch Web Tool presented to LTMS Management Committee.

SediMatch Database Task Group finalize information required for making a match.

USEPA funds Healthy Watersheds, Resilient Baylands, which includes Phase 2 funding for SediMatch Web Tool.

Released SediMatch Web Tool

2017

USEPA funds Preparing for the Storm, which includes funding to expand the SediMatch Web Tool to better accommodate upland soils.