



# Director's Report

August 26, 2020

---

## PROGRAM HIGHLIGHTS

### Restoration Authority 2020 Grant Round and Community Grants Program

The San Francisco Bay Restoration Authority has released a call for proposals for Measure AA's 2020 Grant Round. Proposals are due October 23, 2020. In addition, as part of its work to improve equity in the Measure AA Grant Program, the Restoration Authority has created a separate track for projects led by community-based organizations in economically disadvantaged communities (EDCs) so that they need not participate in the competitive grant round and can apply for funds on a rolling basis. The Community Grants Program provides an alternative application pathway with reduced paperwork and increased staff support for project proponents. and Community Grants Program. More information can be found on the [Restoration Authority's Grants Page](#).

## COMPLETED PROJECTS

### Integrated Regional Watershed Management (IRWM) Grants

Proposition 84 has funded multiple rounds of DWR-administered projects that help local agencies meet the long term needs of the region, including the delivery of safe drinking water and the protection of water quality and the environment. As there are many projects wrapping up in Rounds 2, 3 and 4, we have provided summary tables with complete lists of projects in each round below. The projects in Green have completed all project work and are finalizing Project Completion Reports before their contract is closed out and the project is successfully completed. More detail on these projects can be found after the tables.

## Round 2

ABAG/DWR Grant Agreement #4600010575 - Round 2		Funds
Grant Term: December 31, 2021		Total Grant: \$20,000,000 Total Match: \$13,470,177.66
		Grant Funds Spent: \$17,087,491.56 (85.4%) Match Funds Documented: \$9,899,778.72 (73.4%)
Project # and Title	Project Sponsor	Anticipated Date of Completion
01_Bay Area Regional Water Conservation & Education Program	Solano County Water Agency	Oct-20
02_East Bayshore Recycled Water Project Phase 1A (Emeryville)	EBMUD	Closed
03_Lagunitas Creek Watershed Sediment Reduction & Managements	Marin Municipal WD	Oct-20
04_Marin/Sonoma Conserving our Watersheds, Agricult BMPs	Marin RCD	Closed
05_Napa Milliken Creek Flood Damage Reduction & Fish Passage Barr	County of Napa	Closed
06_5th St. East & McGill Road Recycled Water	Sonoma Valley Cnty San Dist.	Closed
07_Oakland Sausal Creek Restoration	City of Oakland Pub. Wks.	Closed
08_Pescadero Water Supply & Sustainability	County of San Mateo	Oct-20
09_Petaluma Flood Reduction, Water & Habitat Quality for Capri Cree	City of Petaluma	Oct-20
10_Bayfront Canal/Atherton Channel Flood Improve & Habitat Restor	Redwood City	Dec-21
11_Regional Groundwater Storage & Recovery Phase 1A	SFPUC	Closed
12_Richmond Breuner Marsh Restoration	East Bay Regional Park Dist.	Closed
13_Infrastructure Upgrades for Water Supply & Quality	Roseview Heights Mutual Water	Withdrawn
14_SF Bay Climate Change Pilot Projects	SFEP & Oro Loma San Dist	Closed
15_SF Airport Reclaimed Water Facility	SFO/City of San Francisco	Oct-20
16_San Jose Green Streets & Alleys Demonstration	City of San Jose	Closed
17_San Pablo Rheem Creek Wetlands Restoration	Contra Costa Water Dist.	Closed
18_Upper York Creek Dam Removal & Ecosystem Restoration	City of St Helena	Dec-21
19_Students & Teachers Restoring a Watershed (North & East Bays)	Point Blue Conservation	Oct-20
20_Grant Administration	ABAG	Dec-21

**Project 1:** The Bay Area Regional Water Conservation and Education Program was a water conservation program implemented by 12 Bay Area agencies, promoting a suite of elements from high-efficiency technologies to landscape retrofits.

**Project 3:** The Lagunitas Creek Watershed Sediment Reduction and Management Project constructed stream crossing improvements, stabilized trails and restored recreational access along Lagunitas Creek.

**Project 8:** The Pescadero Water Supply and Sustainability Project constructed a new groundwater well and storage tank for approximately 100 households in Pescadero.

**Project 9:** The Petaluma Flood Reduction, Water & Habitat Quality, and Recreation Project for Capri Creek Project designed and constructed a reconfigured channel section of Capri Creek with flood terraces and trails.

**Project 15:** The San Francisco International Airport Reclaimed Water Facility Project constructed a new reclaimed water facility and provided the infrastructure to put 100% treated effluent at the terminals for non-potable reuse.

**Project 19:** Point Blue's Students and Teachers Restoring a Watershed (STRAW) Project implemented riparian and upland transition zone habitat restoration projects in Bay Area watersheds with students, teachers and community members.



North Bay shoreline before and after STRAW restoration work. Credit: Point Blue

### Round 3

ABAG/DWR Grant Agreement #4600010883 - Round 3 (Drought Round)		Funds
Grant Term: December 31, 2020		Total Grant: \$32,178,423 Total Match: \$25,121,180.72 Grant Funds Spent: \$31,680,428.84 (98%) Match Funds Documented: \$25,121,180.72 (100%)
Project # and Title	Project Sponsor	Anticipated Date of Completion
01_Lower Cherry Aqueduct Emergency Rehabilitation	SFPUC	Oct-20
02_Zone 7 Water Supply Drought Preparedness	Zone 7	Closed
03_Los Carneros Water Dist. & Milliken Sarco-Tulocay Recycled Water	Napa Sanitation District	Closed
04_Sunnyvale Continuous Recycled Water Production & Wolfe Rd Pipe	Santa Clara Valley WD	Oct-20
05_DERWA Phase 3 Recycled Water Expansion	DRSanDist/EBMUD	Closed
06_Calistoga Recycled Water Storage Facility	City of Calistoga	Closed
07_Drought Relief for South Coast San Mateo County	San Mateo RCD	Oct-20
08_Stinson Beach Water Supply & Drought Preparedness	Stinson Beach County WD	Closed
09_Bay Area Regional Drought Relief Conservation Program	StopWaste	Closed
10_WaterSMART Irrigation with AMI/AMR	Marin Municipal WD	Oct-20
11_Grant Administration	ABAG	Mar-21

**Project 1:** The San Francisco Public Utilities Commission's project repaired the Lower Cherry Creek Aqueduct and dam diversion structure after it was heavily damaged in the Rim Fire of 2013. This project restored emergency water supply to SFPUC's service area.



Lower Cherry Creek dam diversion structure. Photo Credit: James Muller

**Project 4:** The Valley Water Sunnyvale Continuous Recycled Water Production and Wolfe Road Pipeline Project improved the Sunnyvale Water Pollution Control Plant and expanded the distribution system to offset approximately 1,680 AFY of potable water demand.

**Project 7:** The San Mateo Resource Conservation District worked with 26 landowners to conduct site assessments to find opportunities to improve water efficiency and decrease impacts on local water supply and ecosystems. In total, this program created 122 AF of water storage, conserved 123.96 AF of water by constructing/upgrading 18 water storage infrastructure sites, and repair and upgrade of water distribution infrastructure.



New water storage pond on Butano Farm. Photo Credit: Jarrad Fisher

**Project 10:** The Marin Municipal Water District worked in Marin County to replace existing manually read landscape meters with Automated Meter Infrastructure, automated meters

that send water usage information via cellular endpoints to water providers. These meters are used to detect leaks, assess water use habits, and provide water use information for billing. This project also included a rebate program for water efficient irrigation. The project estimates a total savings of 8,000 AF of water over 20 years.

## Round 4

ABAG/DWR Grant Agreement #4600011486 - Round 4		Funds
Grant Term: December 31, 2020 - to be extended to December 2023		Total Grant: \$21,469,025 Total Match: \$22,395,709 Grant Funds Spent: \$8,601,771.72 (40%) Match Funds Documented: \$12,747,949 (55.6%)
Project # and Title	Project Sponsor	Anticipated Date of Completion
01_Grant Administration	ABAG	Mar-24
02_Anderson Dam Seismic Retrofit	Santa Clara Valley WD	Withdrawn
03_Marin 2020 AMI Phase II	Marin Municipal WD	Oct-20
04_East Palo Alto Groundwater Supply	City of East Palo Alto	Dec-20
05_Coastal San Mateo County Drought Relief Phase II	San Mateo RCD	Oct-20
06_SFQuito Creek Flood Damage Reduction & Ecosystem Restore Pha	SFQuito Creek JPA	Closed
07_Mt View Shoreline Portion of SBSPR	State Coastal Conservancy	Dec-23
08_Eden Landing Portion of SBSRPR	State Coastal Conservancy	Dec-23
09_Novato Creek Flood Protection and Habitat Enhancement	State Coastal Conservancy	Dec-21

**Project 3:** This is phase II of the Automated Meter Infrastructure installation program being implemented in the Marin Municipal Water District’s service area. This program has installed over 1,500 meters, building off it’s original 800 in Round 3. Results from the use of these meters are already exceeding the water savings projected by MMWD. This expansion of the metering infrastructure is estimated, conservatively, to save approximately 970 AF of water over 20 years.

**Project 5:** The San Mateo Resource Conservation District built three three agricultural water storage ponds and to improve the irrigation efficiency at one of the sites. These three ponds will store approximately 74 AF of water that will be used to irrigate crops during the dry months, leaving water in the creeks to benefit wildlife. The irrigation efficiencies will conserve approximately 10 AF of water per year.

---

## NEW FUNDING

### SFEP Support of Plan Bay Area - ~\$25,000

SFEP staff will continue to provide support to the MTC/ABAG Integrated Planning team to advance integration of water in Plan Bay Area. Specific tasks will include: liaising between Bay Area water agency stakeholders and Plan Bay Area staff to solicit input on Plan Bay Area strategy development and other relevant topics; and supporting additional engagement of water agencies in the development of Plan Bay Area 2050 Implementation Plan.

## COMMUNICATIONS

### ESTUARY News Magazine

The June special [issue of ESTUARY News](#) explores climate adaptation activities in 12 counties around the Bay and Delta. Projects range from planning how to lift big infrastructure like Highway 37 and the Dumbarton Bridge approach out of the future flood waters to putting cameras on wildlands subject to wildfire and ridgetops rained on by atmospheric rivers. From small city resilience plans to land use guidelines and multi-hazard, multi-agency initiatives, this issue takes the temperature of adaptation around the Estuary region.



Estuary News has also curated and promoted a monthly digital newsletter, "[Pearls](#)," composed of shorter, timely articles focused on estuary-wide issues. The April - July issues included stories on new science around cattle and Delta water, whales and carbon, wildfire and forest management, and horizontal levees and regional adaptation planning, among others.

---

## Social Media Guest Program: #WRMPWednesdays



SF ESTUARY  
Wetlands  
Regional  
Monitoring  
Program

At the beginning of July, the Wetland Regional Monitoring Program began a weekly “takeover” of the Estuary Partnership’s social media platforms (Twitter, Facebook, and Instagram), posting as the WRMP about the program and key sites and people. Kelly Santos, the Estuary Partnership’s SeaGrant fellow, leads this effort and will host WRMP Wednesdays through at least the end of September.

## National Estuaries Week

National Estuaries Week, September 19-26, will focus on celebrating Estuary Heroes during a time when the value of our shoreline recreational spaces--and the people who steward them--are being appreciated and utilized more than ever. The Association of National Estuary Programs (ANEP) will put out a call shortly for NEPs and their partners to celebrate their heroes.



## Regional Communications Team

SFEP has joined SFBayJV in facilitating a regular meeting of Bay Area communications professionals from natural resources organizations. The group meets quarterly, and occasionally more often, to share skills and boost one another’s outreach and publicity efforts. Upcoming meeting topics include tips for reaching journalists and centering racial equity in communications work.

## PROGRAM MANAGEMENT

### Estuary Blueprint Update

The Estuary Blueprint Update Steering Committee (the BUSC?), made up of volunteers from the IC, met in July and in August to kick off the next Estuary Blueprint update. The meetings focused on reviewing the 2016 update process, determining key Guiding Principles for the process, reviewing current actions, and developing recommendations on a subset of the

---

actions to bring to the IC. More information will be provided at the August 26 meeting and can be found in Attachment 4.

## IC Changes



Last August, the IC voted to add Audubon California as a new IC member. As the Director of Audubon California's San Francisco Bay Program, Rebecca Schwartz Lesberg was designated the primary representative and was very excited to represent Audubon California on the Implementation Committee. Unfortunately, during that time Rebecca suffered a car accident that resulted in an extended medical leave and she was unable to participate in the IC.

Rebecca has since left her position at Audubon to focus on her consulting firm, Coastal Policy Solutions. I regret that Rebecca was unable to represent Audubon California on the IC and look forward to finding other ways to continue to engage her in the work of SFEP in her new capacity.

## Staff Changes



Big changes are afoot for Adrien Baudrimont! Adrien and his family are relocating to London this month where his wife has been offered a job transfer. With their son now school-age, Adrien and his wife are eager to return to Europe where they both have family back in their

native France. The good news is that Adrien will continue to work for SFEP for several more months during this transition - the upside of everyone working remotely these days! With eight years of experience at SFEP under his belt and several exciting projects underway, we are all happy that he will continue to be a part of the SFEP team for a bit longer. Adrien will be greatly missed, but I know you all join me in wishing him well on this next exciting stage of his life.

