

**Minutes of the Regular Meeting of the Board of Directors
October 17, 2019
4 pm – 6:00 pm
Location: RCD Office**

Directors present: TJ Glauthier, Adrienne Etherton, Neal Kramer, Jim Reynolds
RCD staff present: Kellyx Nelson, Kasey Butler

1. Call to Order

Meeting was called to order at 4:04 p.m.

2. Approval of Agenda

Agenda passed unanimously. Glauthier moved to approve, Etherton was second, then Kramer

3. Introduction of Guests and Staff

Kasey Butler and Ron Sturgeon were introduced

4. Public Comment

Reynolds and Sturgeon discussed Pescadero Marsh.

5. Consent Agenda

5.1 August 15, 2019 Draft Regular Meeting Minutes

- Motion to approve Glauthier, move Kramer, 2nd Etherton

5.2 September 19, 2019 Draft Regular Meeting Minutes

- Motion to approve Glauthier, move Kramer, 2nd Etherton

The Board of Directors receives into record:

5.3 September 20, 2019 Governor's Executive Order N-19-19 requiring state government to redouble its efforts to reduce greenhouse gas emissions and mitigate the impacts of climate change.

5.4 September 17, 2019 San Mateo County Board of Supervisors resolution declaring a climate emergency in San Mateo County that demands accelerated actions on the climate crisis and calls on local and regional partners to join together to address climate change.

6. Regular Agenda

6.1 Executive Director Report:

- Nelson announced that Brittani Bohlke will be leaving SMRCD. She has been the Water Quality Program manager and has been with the RCD for 6-7 years and accomplished great work. Because of the departure the water quality study session of the board is postponed.
- Completion of Butano Channel Reconnection Project (PowerPoint presentation referenced)
 - This project is complete! Sunday, October 27 there will be a public tour. Before and after photos were referenced from ppt. presentation as well as map of the

- marsh and dredge. Some accomplishments of this project: reduces the risk of future flooding and improves the likelihood of salmonid survival in the watershed/marsh.
- This was a very competitive grant program through NOAA and was the #1 granted project in the west. It was a significant example of partnership between local, state and federal agencies. State Parks was a huge partner even where the project did not take place on their property.
 - Directors and staff discussed the sediment removal and placement, anoxic conditions, berm on Level Lea Farm, surprises and challenges, potential trail access, maintenance and floodplain restoration upstream, upstream sediment control, historic sandbar formation, and new NOAA research about coho straying.
 - Directors requested that Jim Robins come join for a meeting.
 - Completion of Pescadero Creek Streamflow Enhancement at Butano Farms
 - The pond is complete and was made to specifications. There were many challenges in construction and associated finishing work (e.g. cleaning up roads) is not yet complete.
 - Board and staff discussed water storage to change timing of diversion versus irrigation efficiency resulting in total water conservation.
 - Completion of San Gregorio Creek Streamflow Enhancement at Moty-Klingman Ranch
 - The pond is not complete yet but should be in the next few days.
 - Discussed water seepage during construction, staff team, importance of working with traditional private landowners
 - Completion of Alpine Creek Fish Passage Project
 - Discussed project need, described work done, accolades given to staff member Amy Kaeser, discussion about location and access to the project, Fisheries Restoration Grant Program funding, San Mateo County partnership
 - Nelson would like to add to the board's agenda for November to pass a resolution thanking key landowners who were impacted by and contributed to this project. They put up with a lot and contributed a lot to our understanding of the hydrology. When the creek was re-watered the neighbors cheered. There was immediate flow.
 - The Butano and Alpine fish passage projects were the 2 highest priority remaining barriers to fish passage in the county according to resource.
 - This project was funded by the Fisheries Restoration Grant Program and it paid for the entire implementation. San Mateo County let the RCD do this project at a road crossing which was a big deal.
 - Completion of Pescadero Creek Habitat Enhancement at Portola Redwoods State Park
 - Project to trial bringing fallen trees into creek to provide fish habitat and increase complexity of creeks; slow flow down in the winter
 - NOAA approached RCD about this project and funded it, State Parks landowner partner.
 - This project cost 10,000 to plan and 10,000 to build
 - Glautheir recommended having all of the before and after photos of projects up on the wall.
 - Wildfire fuel load reduction chipper program services
 - Property owners in 4 neighborhoods can gather tree branches and shrubs to be chipped, chips can stay on their property or be disposed of elsewhere.
 - The Fire Safe Council with the leadership of Denise Enea has been a great partner, taking a lead role while we have staff transition.

- Rangeland Compost Application Trial
 - Staff provided overview and details of project, directors and staff discussed barriers to sourcing quality compost, including regulatory, Nelson suggested compost study session and directors expressed interest.
 - Etherton noted Office of Sustainability's foodware ordinance – asked whether RCD has been involved at all – RCD has not been involved
- “Cutting the Green Tape” with CA Landscape Stewardship Network
 - Through CLSN, Nelson has been working with California Secretary for Natural Resources Wade Crowfoot on initiative to reduce regulatory barriers to beneficial landscape stewardship
- Directors asked how Nelson's talk on “epic fails” went

6.2 Directors' Reports

- **Reynolds:**
 - watching dredge project closely from his property
 - attended dinner for As Fresh As It Gets at Long Branch – keep this location in mind for other events
 - Sturgeon commented that it was a great bridge between organic and conventional growers
- **Kramer:**
 - appreciated weekly project updates – must be a lot of work for staff
 - Kramer will be attending Central Coast Weed Management conference
- **Etherton:**
 - attended ribbon cutting at the Harbor for the sea bin being installed and managed by Sea Hugger, Hoping to bring one to Brisbane Marina
- **Glauthier:**
 - received piece of mail from Special District Risk Management Authority – no workers comp claims!
 - This month no financials – that's intentional because want to make fluctuations in income and expenditures less of a perturbation and distribute financials quarterly to line up with invoicing schedule
 - Nelson check to make sure this is legal

6.3 Directors and staff will discuss the role of the Resource Conservation District in implementing the Governor's Executive Order and the San Mateo County Board of Supervisors resolution regarding climate change.

- Demonstrate how we highlight and implement state policy
- Governor's executive order only talks about energy and transportation – doesn't talk about carbon sequestration or rural lands
 - RCD can still use broad discussion about climate mitigation to support our work
- San Mateo County's declaration of climate emergency
 - Could this help us streamline permitting?
 - County doesn't specifically mention RCD as a partner
 - Discussion about importance of RCD being included in such documents and how it really helps the visibility of the RCD
 - Directors recommended including them the next time Nelson sends anything like that so they can see and participate and support

- Etherton shared that there is a RICAPS meeting next week – Regionally Integrative Climate Action Plan
- Nelson asked directors to keep this in mind when talking about the RCD – the work we do and the higher level policy we are directly implementing and supporting
- Directors and Nelson discussed next meeting in November
 - Glauthier cannot attend, Etherton might not be able to attend and Nelson will have recently returned from vacation
 - Might be good idea to postpone to December

7 **Adjourn Meeting**

- Meeting adjourned 5:51

Regular Meeting of the Board of Directors

October 17, 2019

4:00 pm – 6:00 pm

Location: 80 Stone Pine Road, Suite 100, Half Moon Bay, CA 94019

1. Call to Order
2. Approval of Agenda
3. Introduction of Guests and Staff
4. Public Comment- The Board will hear comments on items that are not on the agenda. The Board cannot act on an item unless it is an emergency as defined under Government Code Sec. 54954.2.
5. Consent Agenda The Board of Directors approves: <ul style="list-style-type: none"> 5.1. August 15, 2019 Draft Regular Meeting Minutes 5.2. September 19, 2019 Draft Regular Meeting Minutes The Board of Directors receives into record: <ul style="list-style-type: none"> 5.3. September 20, 2019 Governor's Executive Order N-19-19 requiring state government to redouble its efforts to reduce greenhouse gas emissions and mitigate the impacts of climate change. 5.4. September 17, 2019 San Mateo County Board of Supervisors resolution declaring a climate emergency in San Mateo County that demands accelerated actions on the climate crisis and calls on local and regional partners to join together to address climate change.
6. Regular Agenda <ul style="list-style-type: none"> 6.1. Executive Director report, including: <ul style="list-style-type: none"> 1.3. Completion of Butano Channel Reconnection Project 2.3. Completion of Pescadero Creek Streamflow Enhancement at Butano Farms 3.3. Completion of San Gregorio Creek Streamflow Enhancement at Moty-Klingman Ranch 4.3. Completion of Alpine Creek Fish Passage Project 5.3. Completion of Pescadero Creek Habitat Enhancement at Portola Redwoods State Park 6.3. Completion of Pescadero Creek Streamflow Enhancement at Memorial Park 7.3. Completion of Upland Habitat Restoration Pilot Project at Butano Farms 8.3. Wildfire fuel load reduction chipper program services 6.2. Directors' reports 6.3. Directors and staff will discuss the role of the Resource Conservation District in implementing the Governor's Executive Order and the San Mateo County Board of Supervisors resolution regarding climate change.
7. Adjourn Meeting The next Regular Meeting of the Board of Directors will be November 21, 2019.

Public records that relate to any item on the open session agenda for a regular board meeting are available for public inspection. Those records that are distributed less than 72 hours prior to the meeting are available for public inspection at the same time they are distributed to all members, or a majority of the members of the Board. The Board has designated the San Mateo RCD office, located at the address above, for the purpose of making those public records available for inspection.

EXECUTIVE DEPARTMENT
STATE OF CALIFORNIA

EXECUTIVE ORDER N-19-19

WHEREAS California is proof that a bold climate agenda is good for the economy, for workers, for health and for our future, as evidenced by our state having achieved record economic growth while reaching some of the strongest climate goals in the world; and

WHEREAS in the face of inaction on climate change from the federal government, California is a global leader in climate change mitigation efforts through bold climate goals and actions, as well as leadership in the US Climate Alliance and Under2 Coalition, using the state's power as the fifth largest economy in the world to drive positive action; and

WHEREAS California has ambitious and essential climate goals to transition to a healthier, more sustainable and more inclusive economy, including: reducing greenhouse gas emissions 40 percent below 1990 levels by 2030; providing 100 percent of the state's electricity from clean energy sources by 2045; reducing methane emissions and hydrofluorocarbon gases by 40 percent; and adding five million zero-emission vehicles to California's roads by 2030; and

WHEREAS California has made substantial, measurable progress on many of the goals enumerated above, but in recent years, direct tailpipe emission from cars, ships, diesel trains, airplanes, and other transportation sources have remained a stubborn driver of greenhouse gas emissions, totaling 40.1 percent of all greenhouse gas emissions statewide; and

WHEREAS the California Air Resources Board has a fifty-year history of leading the globe in addressing harmful pollution through innovative air pollution control standards, including the nation's first NOx emissions standards for motor vehicles; and

WHEREAS California's renewable energy targets have spurred innovation and private investment in new technologies with California leading the nation in clean technology patents and bringing in more than 50 percent of all clean energy investment in the nation; and

WHEREAS the state has made significant progress in lowering greenhouse gas emissions and mitigating climate risk in California's own state government operations and public schools; and

WHEREAS achieving California's climate goals will require concerted commitment and partnership by government, the private sector, and California residents.

NOW, THEREFORE, I, GAVIN NEWSOM, Governor of the State of California, by virtue of the power and authority vested in me by the Constitution and the statutes of the State of California, do hereby issue the following Order to become effective immediately to require that every aspect of state government redouble its efforts to reduce greenhouse gas emissions and mitigate the impacts of climate change while building a sustainable, inclusive economy.

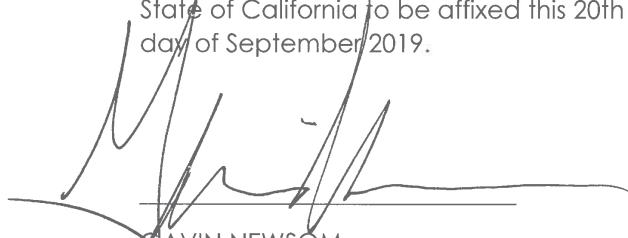
1. To leverage the state's \$700 billion investment portfolio to advance California's climate leadership, protect taxpayers, and support the creation of high-road jobs, the Department of Finance shall create a Climate Investment Framework.
 - a. The Framework shall include a proactive investment strategy for the state's pension funds that reflects the increased risks to the economy and physical environment due to climate change.
 - b. The Framework shall provide the timeline and criteria to shift investments to companies and industry sectors that have greater growth potential based on their focus of reducing carbon emissions and adapting to the impacts of climate change, including but not limited to investments in carbon-neutral, carbon-negative, climate resilient, and clean energy technologies.
 - c. The Framework shall align with the fiduciary responsibilities of the California Public Employees' Retirement System, California State Teachers' Retirement System and the University of California Retirement Program.
 - d. The Department of Finance shall consult with the Governor's Office of Planning and Research, and the California Department of Human Resources on the Framework.
2. The State Transportation Agency shall leverage the more than \$5 billion in annual state transportation spending for construction, operations, and maintenance to help reverse the trend of increased fuel consumption and reduce greenhouse gas emissions associated with the transportation sector. To accomplish this, the State Transportation Agency, in consultation with the Department of Finance, shall:
 - a. Align the state's climate goals with transportation spending on planning, programming and mitigation to achieve the objectives of the state's Climate Change Scoping Plan, where feasible,
 - b. Reduce vehicle miles traveled by strategically directing discretionary transportation investments in support of housing production near available jobs and in accordance with the state's smart growth principles, as defined in Government Code section 65041.1, and taking public health into account,

- c. Reduce congestion through innovative strategies designed to encourage people to shift from cars to other modes of transportation,
 - d. Fund transportation options that contribute to the overall health of Californians and reduce greenhouse gas emissions, such as transit, walking, biking and other active modes, and
 - e. Mitigate increases in transportation costs for lower income Californians.
3. The Department of General Services shall leverage its management and ownership of the state's 19 million square feet in managed buildings, 51,000 vehicles and other physical assets and goods to minimize state government's carbon footprint. To accomplish this, the Department of General Services shall:
- a. Maximize reduction of greenhouse gas emissions, including harmful diesel emissions, from the state fleet,
 - b. Develop and implement sustainable purchasing policies across state agencies that prioritize the purchase of environmentally preferable goods such as more sustainable food and recycled materials, consistent with state climate policies,
 - c. Reduce greenhouse gas emissions and mitigate climate risk from the state's owned and future-leased buildings,
 - d. Manage energy demand to maximize benefits to the grid, and
 - e. Promote zero-emission vehicle purchasing in state and local government fleets.
4. To accelerate progress towards California's goal of five million zero emissions vehicles sales by 2030, the California Air Resources Board shall:
- a. Develop new criteria for clean vehicle incentive programs to encourage manufacturers to produce clean, affordable cars,
 - b. Propose new strategies to increase demand in the primary and secondary markets for zero emissions vehicles, and
 - c. Consider strengthening existing or adopting new regulations to achieve the necessary greenhouse gas reductions from within the transportation sector.

IT IS FURTHER ORDERED that as soon as hereafter possible, this Order shall be filed with the Office of the Secretary of State and that widespread publicity and notice shall be given to this Order.

This Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its departments, agencies, or other entities, its officers or employees, or any other person.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 20th day of September 2019.



GAVIN NEWSOM
Governor of California

ATTEST:

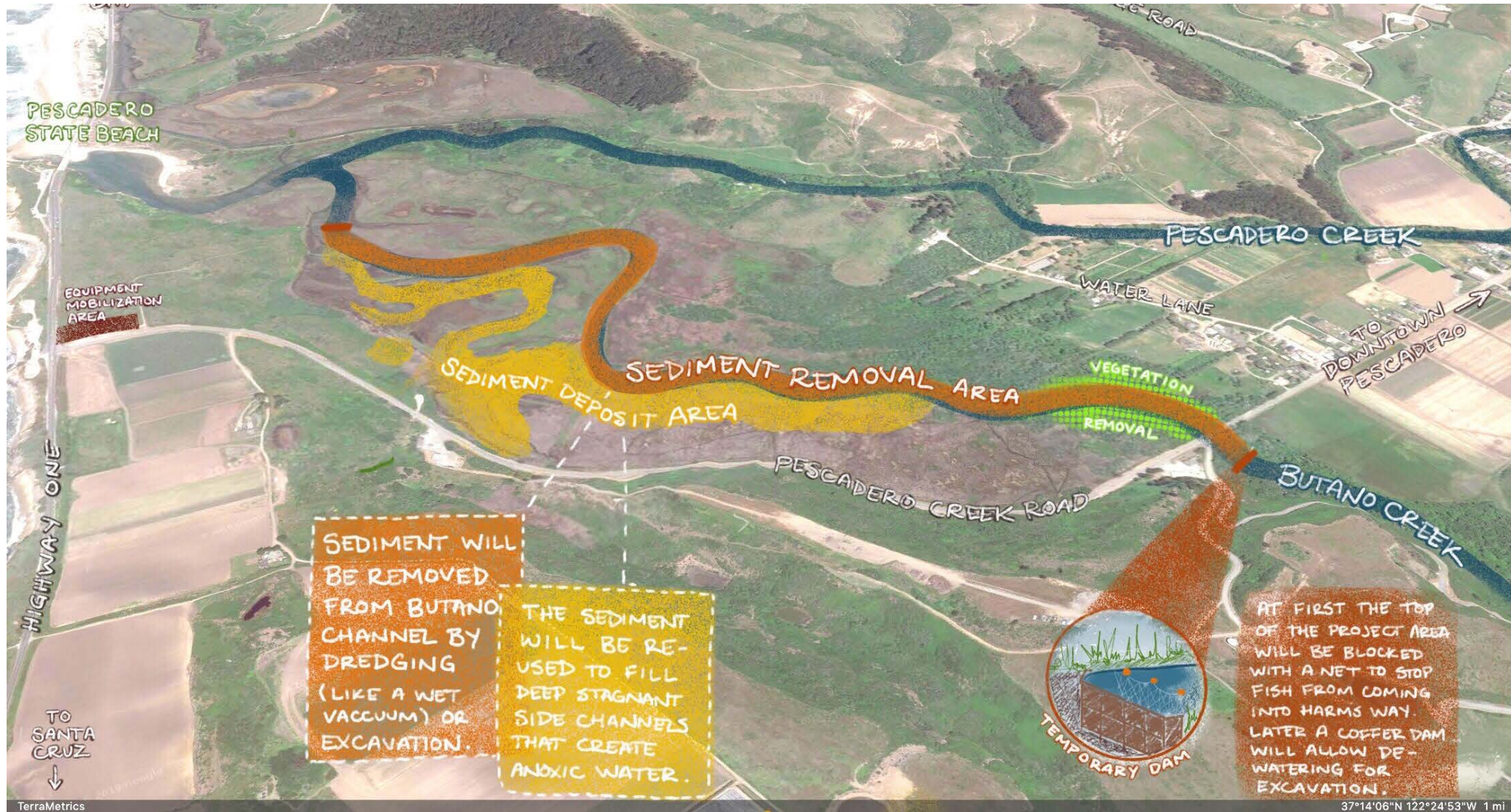
ALEX PADILLA
Secretary of State

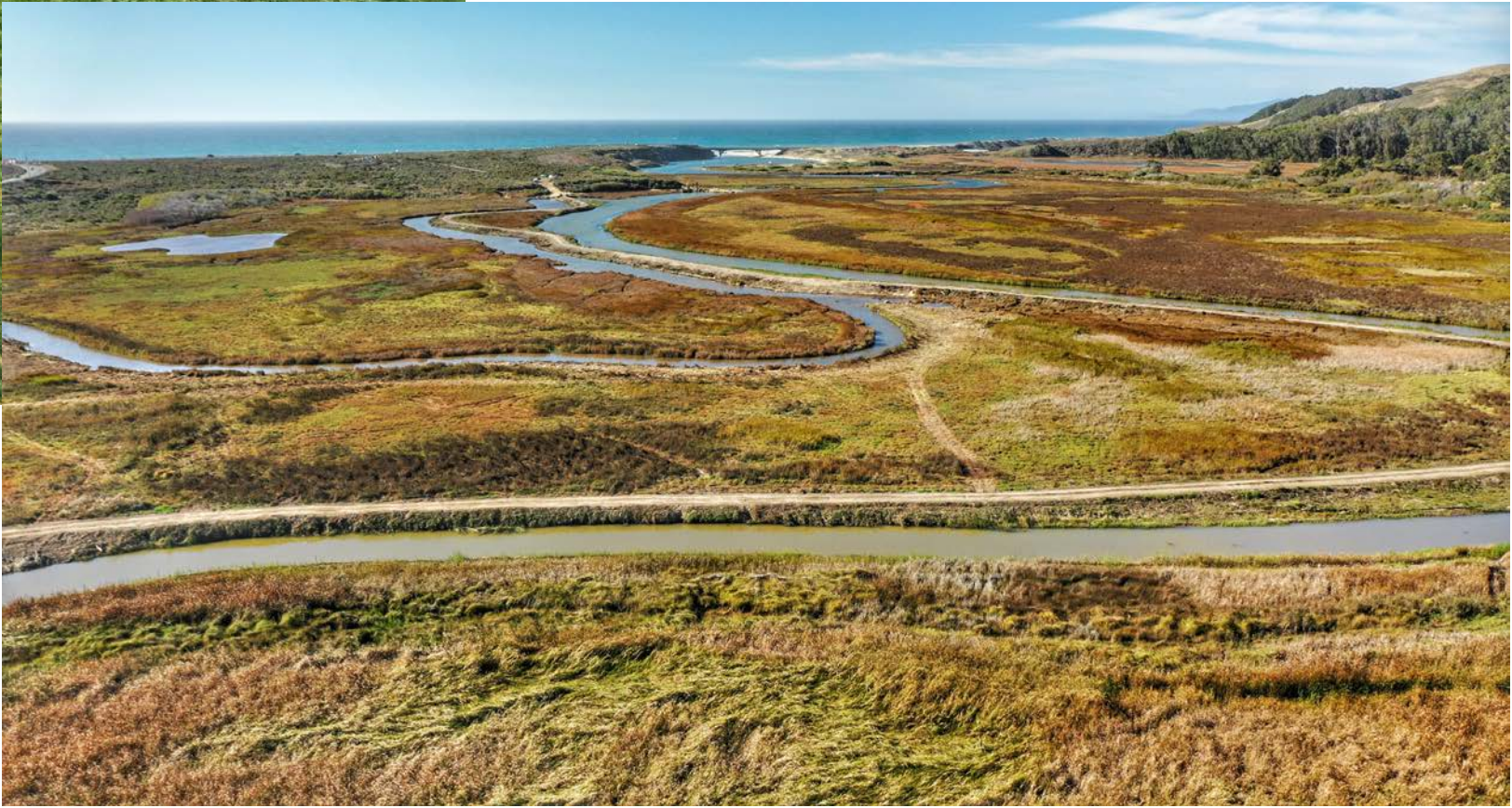
Executive Director Report

October 17, 2019

Meeting of the San Mateo RCD Board of Directors

Butano Creek Channel Reconnection Project





Project Benefits

- Restored access to 10.1 miles of Butano Creek for threatened steelhead trout and endangered coho salmon by reestablishing unimpeded fish passage for a decade or more.
- Reduced risk to the community associated with flooding at Pescadero Creek Road by reducing the extent, duration and frequency of flooding.
- Improved the likelihood of salmonid survival by reducing the risk and/or severity of fish kills through
 - creating access to oxygen-rich freshwater refuge during time of low water quality; and
 - Reducing anoxic conditions by preventing percolation and movement of freshwater from Butano Creek through and across the marsh.

Description of Work

- Funders
 - \$4M State of California
 - \$1-1.5M San Mateo County
 - \$1.5M NOAA Coastal Resilience Program
- Partners
 - California State Parks
 - 4 public and private landowners
 - NOAA
 - Pescadero Technical Roundtable
- Scope
 - Dredged or excavated about 8,000 feet
 - Beneficially reused dredge material on site to fill low areas contributing to hypoxia
 - Built marsh control structure
 - Built berm and installed large wood in creek

Pescadero Creek Streamflow Enhancement Project at Butano Farms (October 2019)





Goals, Scope

- Goals

- Provide water storage for farm
- Enhance streamflow up to .5 cfs from August through October and .3cfs April through end of July
- Increased irrigation efficiency, saving up to 8 acre-feet of water annually

- Scope of Work

- Constructed 14.9 acre-foot pond
- Upgraded or replaced irrigation infrastructure and pumps

- Remaining Work

- Road repairs

Funders, Partners

- Funders
 - CA Department of Water Resources
 - POST
 - NRCS
- Partners
 - R&R Herbs
 - POST
 - NRCS
 - Trout Unlimited

San Gregorio Creek Streamflow Enhancement Project at Moty-Klingman Ranch (anticipated October completion)



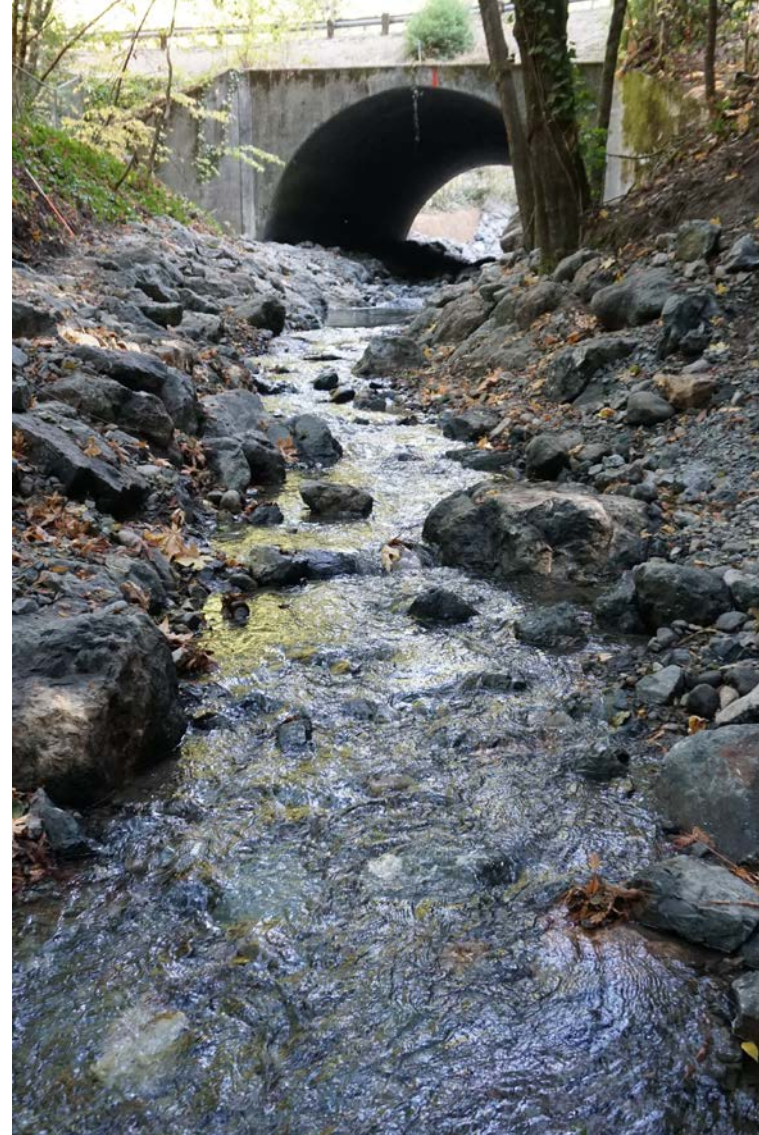
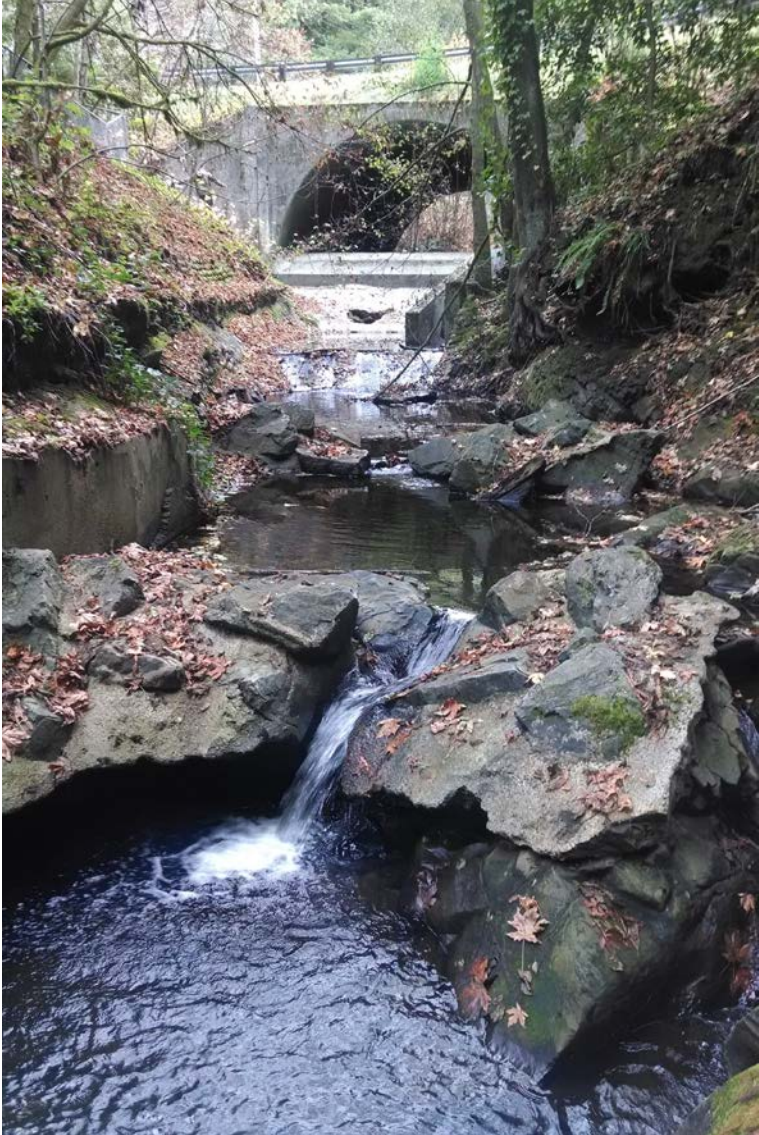
Benefits, Funders, Partners

- Benefits
 - Provide water storage for farm
 - Enhance streamflow up to .8 cfs from August through October and .5 cfs April through end of July
 - Approximately 10 acre-feet of water savings per year from irrigation upgrades
- Scope of Work
 - Constructed 18.5 acre-foot pond
 - Upgraded or replaced irrigation infrastructure and pumps

Goals, Funders, Partners

- Funders
 - CA Department of Water Resources
 - California Coastal Conservancy
 - National Fish and Wildlife Foundation
 - CA Wildlife Conservation Board
- Partners
 - Private property owners
 - Trout Unlimited

Alpine Creek Fish Passage Project (completed October)





Goal and Objectives

- Goal:
 - Remove a high priority barrier to fish passage for coho salmon and steelhead trout to restore access to three miles of high-quality habitat in Alpine Creek (San Gregorio Watershed).
- Scope of Work
 - Modified the bottom of the culvert under Pescadero Creek Road at Alpine Creek
 - Lowered it 8 feet a 4% grade, removed the smooth concrete bottom, and roughened the channel utilizing concrete baffles and engineered streambed material
 - Removed the failing fish ladder and downstream weirs
 - Reconstructed 425 feet of stream channel

Funders and Partners

- Funders
 - CA Dept of Fish and Wildlife Fisheries Restoration Grant Program (implementation)
 - California Coastal Conservancy (design)
 - San Mateo County (in kind)
- Partners:
 - Property owners- San Mateo County and Bevins family

Pescadero Creek Habitat Enhancement at Portola Redwoods State Park (completed in August)



Goals, Funders, Partners

- Goals
 - Increase habitat complexity for salmonids in upper Pescadero Creek
 - Piloted how to do low cost LWD work locally by utilizing large wood that is near the creek but might not enter without intervention
- Scope of Work
 - Strategically placed downed trees, and one likely to fall into the creek, at 3 sites in Pescadero Creek
- Funders
 - NOAA
 - California Coastal Conservancy
- Partners
 - California State Parks

Wildfire Fuel Load Reduction Chipper Program

- Goal
 - Reduce threat of wildfire in Wildland Urban Interface by helping communities reduce fuel load
- Work to Date
 - Chipping services to 4 communities
 - Montara, El Granada, Palomar Park, Butano Canyon
- Funding from San Mateo County Measure K
- Partners
 - San Mateo County Fire Safe Council
 - Participating communities

Rangeland Compost Application



Goals, Funders, Partners

- Goals
 - First step of implementation of carbon farm plan for Cloverdale Ranch
 - Applied ¼ inch compost on 4 acre pasture, 135 cubic yards= roughly 2 metric tons of carbon sequestered over 3 years
- RCD will monitor soil and vegetation for next 2 yrs
- Funders
 - San Mateo County Office of Sustainability
 - POST
- Partners
 - Markegard Family Grassfed
 - Point Blue Conservation Science
 - POST

RESOLUTION NO. .

BOARD OF SUPERVISORS, COUNTY OF SAN MATEO, STATE OF CALIFORNIA

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RESOLUTION ENDORSING THE DECLARATION OF A CLIMATE EMERGENCY IN SAN MATEO COUNTY THAT DEMANDS ACCELERATED ACTIONS ON THE CLIMATE CRISIS AND CALLS ON LOCAL AND REGIONAL PARTNERS TO JOIN TOGETHER TO ADDRESS CLIMATE CHANGE

RESOLVED, by the Board of Supervisors of the County of San Mateo, State of California, that

WHEREAS, according to the Intergovernmental Plan on Climate Change (IPCC), increasing greenhouse gases (GHG) will cause global temperatures to rise 1.5 degrees Celsius by as early as 2030; and

WHEREAS, for San Mateo County, rising global temperatures will cause sea levels to rise (up to six feet or more by 2100 under certain scenarios), contribute to increasingly extreme weather including intense rainfall, storms and heat events, and heighten risk of large wildfires; and

WHEREAS, the consequences of climate change pose risks to life, safety and critical infrastructure in San Mateo County and throughout the world, and threaten physical, social and mental well-being; and

WHEREAS, climate change impacts will be most acutely felt by children, the elderly, those with preexisting physical and mental health conditions, low income or communities of color, and residents with unstable economic or housing situations; and

WHEREAS, the County of San Mateo Sea Level Rise Vulnerability Assessment indicates that in the County over 160,000 children under the age of 18 years, and over 100,000 older adults, are vulnerable to risks posed by sea level rise; and

WHEREAS, the County has taken a number of actions to address climate change, including: helping to launch Peninsula Clean Energy; facilitating the Regional Integrated Climate Action Planning Suite (RICAPS) program that brings together the County and its 20 cities to plan and implement measures to reduce GHG emissions; launching Climate Ready SMC to better prepare San Mateo County for the changing climate; and facilitating the formation of the Flood and Sea Level Rise Resiliency District in partnership with the City/County Association of Governments; and

WHEREAS, in 2015 the County reduced GHG emissions by 21.8% below 2005 levels; and

WHEREAS, the current pace of climate actions may still fall short of reducing the projected harm to people and places and accelerated actions need to be taken to reduce our GHG emissions and implement solutions to prepare and protect our communities; and

WHEREAS, by declaring a climate emergency, the County of San Mateo will join the City and County of San Francisco, County of Santa Clara, other Bay area cities, including Berkeley, Alameda, Richmond, Santa Cruz, Hayward and Oakland, and over 1,000 national, international and local jurisdictions with similar declarations that are committed to reducing GHG emissions and planning for climate change; and

WHEREAS, the County invites all cities and other local jurisdictions and agencies to also approve a Climate Emergency Declaration to create a unified Countywide voice around climate change and to strengthen the call for state and federal actions and funds to address the economic, social, public health, and national security threats posed by the climate crisis.

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of the County of San Mateo declares a climate emergency that threatens the economic and social well-being, health and safety, and security of the County of San Mateo.

BE IT FURTHER RESOLVED, that the County will continue to educate residents about the seriousness of climate change, invest in climate solutions, and address the current and future impacts of climate change.

BE IT FURTHER RESOLVED, that health, socio-economic and racial equity considerations should be included in policymaking and climate solutions at all levels and across all sectors as the consequences of climate change have significant impacts on all County residents, but especially the young, the elderly, low income or communities of color, and other vulnerable populations.

BE IT FURTHER RESOLVED, that County commits to completing the Government Operations and Unincorporated Area Climate Action Plans that will include measurable climate-related goals and actions to attain carbon neutrality in advance of the State of California's 2045 goal.

BE IT FURTHER RESOLVED, the County will develop and enact resiliency policies and plans to ensure continuous operation of County services and facilities.

BE IT FURTHER RESOLVED, that the County will achieve its climate action and resiliency goals through cross departmental partnerships within the County.

BE IT FURTHER RESOLVED, that the County will collaborate and coordinate with the 20 cities in the County, and other local partners like Peninsula Clean Energy and the Flood and Sea Level Rise Resiliency District, to achieve carbon neutrality throughout San Mateo County and to implement other actions to address climate change.

BE IT FURTHER RESOLVED, that the Board directs the Office of Sustainability to report annually to the Board, starting in April 2020, on progress towards meeting resiliency goals and achieving carbon neutrality in advance of 2045.

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