

## Appendix E. Proposed Projects – East Bay

	Proposed Type of Project/Concept	Location	Project/Concept Description	Open to Collaboration	More Information Provided Upon Request, Contact	Outreach Partner	Funding Programs of Interest	Grants Applied to w/ DACTIP Assistance
1	Habitat Restoration and Recycled water and irrigation	Coyote Hills Regional Park	This Land Use Plan Amendment (LUPA) incorporates additional park land uses and management actions into Coyote Hills Regional Park. The purpose of the LUPA, including Land Use Unit Designations and the Park Development Plan, is to detail the planning and management efforts that are needed to restore and enhance existing ecological habitats, provide opportunities for continued agricultural use, and for development of recreation and public access amenities within the Plan Area. Him-r^n Tribe has a verbal agreement to work together and is the finalizing stages of what this will look like.	Yes	<a href="mailto:Alexandert.ciea@gmail.com">Alexandert.ciea@gmail.com</a>	CIEA		
2	San Leandro Creek Greenway	East Oakland, airport area	1.2 mile class 1 trail and related issues - MORE TO COME - additional description at <a href="http://www.browerdellumsinstitute.org">www.browerdellumsinstitute.org</a>	Yes	<a href="mailto:robinf5713@aol.com">robinf5713@aol.com</a>	BDISPSA		
3	East Oakland WQM-drinking and ground	East Oakland neighborhoods	Under development with East Bay partners.	Yes	<a href="mailto:robinf5713@aol.com">robinf5713@aol.com</a>	BDISPSA		
4	East Oakland Communications Hub	East Oakland neighborhoods	Multiple Stewardship, Programming, Public Health and Safety linked conversations including housing effects on local water.	Yes	<a href="mailto:robinf5713@aol.com">robinf5713@aol.com</a>	BDISPSA	SFBRA Community Grants Program, Prepare CA Jumpstart	Community Grants Program (SFBR), Prepare CA Jumpstart (CalOES)
5	North Richmond Pump Station Upgrade	North Richmond (Getrude and Richmond Pkwy)	Upgrade equipment at the end of its life cycle and protect against sea level rise impacts. This project has been the biggest challenge for The Watershed Project due to staffing transitions/shortages at the City of Richmond and Contra Costa County, yet is one of the highest community priorities and a great fit for IRWM. The Watershed Project is in conversations with the County about how to move this one forward. More info at <a href="https://thewatershedproject.org/nr-water/">https://thewatershedproject.org/nr-water/</a> .	Yes	<a href="mailto:anne@thewatershedproject.org">anne@thewatershedproject.org</a>	The Watershed Project		
6	Wildcat Creek trail and creek improvements	North Richmond (Wildcat Creek between Rumrill and Wildcat Marsh trail)	1. Improve fish ladder and sediment basin 2. Add amenities to make the trail more of a park-like destination 3. Richmond Parkway overpass. The Watershed Project is a partner on a couple of different grants to retrofit the fish ladder and sediment basin (implementation funding), and the County supervisors and partners are starting to move forward with a funding search for the trail improvements. The Richmond Parkway overpass seems to be the most challenging piece of this project. More info at <a href="https://thewatershedproject.org/nr-water/">https://thewatershedproject.org/nr-water/</a>	Yes	<a href="mailto:anne@thewatershedproject.org">anne@thewatershedproject.org</a>	The Watershed Project		

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7	Flood Risk Reduction in the Rheem Creek Watershed	Rollingwood neighborhood	Creek restoration to reduce stormwater flooding, sequester CO2, and connect neighbors to their creek. Has received funding from CNRA! ( <a href="https://thewatershedproject.org/wp-content/uploads/2021/10/Rheem-Creek-CNRA-press-release.pdf">https://thewatershedproject.org/wp-content/uploads/2021/10/Rheem-Creek-CNRA-press-release.pdf</a> ) More info at <a href="https://thewatershedproject.org/nr-water/">https://thewatershedproject.org/nr-water/</a>	Yes	<a href="mailto:anne@thewatershedproject.org">anne@thewatershedproject.org</a>	The Watershed Project		
8	North Richmond Green Street Corridor	North Richmond	Green street improvements along Parr Blvd from Fred Jackson Way to the Bay Trail and along Market Ave between Rumrill Rd and Fred Jackson Way. Fred Jackson Way and Rumrill Rd are already under construction to become green streets, providing bike and pedestrian access between Rumrill and the Bay Trail. The Watershed Project plans to put some of their DACTIP funds toward design consultants for this project. More info at <a href="https://thewatershedproject.org/nr-water/">https://thewatershedproject.org/nr-water/</a>	Yes	<a href="mailto:anne@thewatershedproject.org">anne@thewatershedproject.org</a>	The Watershed Project		
9	Horizontal levee	North Richmond next to West County Wastewater	Construct a horizontal levee segment in front of WCW treatment facility to mitigate sea level rise impacts and serve as proof-of-concept for additional segments along the North Richmond shoreline, protecting additional infrastructure such as the landfill, North Richmond Pump Station, Richmond Parkway, and Chevron refinery. WCW and Mithun have received planning funds for 30% designs for a horizontal levee, and The Watershed Project is currently conducting a community engagement process for participatory design. Will need funds to complete the designs and implement the project sometime after this phase concludes in September 2022. More info at <a href="https://thewatershedproject.org/nr-water/">https://thewatershedproject.org/nr-water/</a>	Yes	<a href="mailto:anne@thewatershedproject.org">anne@thewatershedproject.org</a>	The Watershed Project		
10	Feasibility Study for Potential Accessible Recreation Areas	Fruitvale	Feasibility study of spots in Fruitvale, viability of turning locations into recreation spots. Ideally, would include entire watershed. More realistically to qualify as DAC, would have to be lower watershed. Making recreational areas more accessible. Work in conservation and restoration. Looking into getting a consultant for this.	Yes	<a href="mailto:coordinator@sausalcreek.org">coordinator@sausalcreek.org</a>	Friends of Sausal Creek	P1R2 Implementation?	
11	Atmospheric Water Generators	Richmond	Generators in DACs as backup resource for firefighters, water shut offs, etc.			All Positives Possible	Some funds from DACTIP	
12	Encampment Water Quality Monitoring and WASH Service Provision	Oakland	Train people experiencing homelessness to participate in water quality monitoring near waterways while providing drinking water, laundry service, and showers at regular weekly schedule.			Downtown Streets Teams		California 100 Innovation Projects (People's Lab at UC Berkeley)

Appendix E. Proposed Projects - North Bay

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1	Rainwater Capture/ Harvesting in partnership with Sonoma Valley USD	Sonoma County	pilot small scale RWH during this phase to generate support for larger effort with Prop 1 Rd 2			SEC and Daily Acts		
2	Build Small Projects on Private Land for Multibenefits	Sonoma County	Potable water offsets, groundwater recharge, etc. to address downstream flooding			Daily Acts	DAC Set-Aside from Drouhgt round, also going after P1R2 Implementation Grant	
	Water quality testing at Dillon Beach	Dillon Beach Village	Testing at Dillon Beach in summer due to water quality concerns	Yes				
3	Feasiblity Study for Septic to Sewer Connection	Dillon Beach Village	Feasibility study to see if DBV can connect to sewer system. Depending on decision, MCCDA will move forward with an Environmental Impact Assessment	Yes	Climate change (sea level rise, erosion), surface water quality, and sustainability	MCCDA		
4	Community Water Stations	San Rafael Canal District	Community gathering points with drinking water available	Yes		MCM		
5	Pipe Replacement in the Canal District	San Rafael Canal District	Working with Matt Sagues from MMWD	Yes		MCM		
6	Tiscornia Marsh restoration partnership	San Rafael Canal District	Audobon has RA palanning grant, potential for community collaboration here	Yes		MCM		
7	Improve pump station(s) in Canal District	San Rafael Canal District	Partner with City to resolve local flooding (SD inlet elevations may be issues)	Yes		MCM		

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8	Environmental Youth Leadership and Development Activities and Services	Marin City	Capacity support is needed to build up Marin City Climate Resilience and Health Justice's (MCCRHJ) Environmental Youth Leadership and Development Activities such as their successful Environmental Science Academies, including stipends for students. MCCRHJ is looking into making it possible for participants to get high school credits for these programs. MCCRHJ needs a van for transport for student environmental fieldtrips and instructional staff to teach labs. They also need support services, such as additional educational supports, to ensure youth are successful in other summer programs.		<a href="mailto:terriegreen@marincityclimate.org">terriegreen@marincityclimate.org</a>	MCCRHJ		
9	Additional Tap Water Quality Testing and Follow-up to Address Infrastructure and Health Issues	Marin City	Additional water quality testing and follow-up is needed to pinpoint and address the source of tap water issues. This includes follow-up with community members on the public health impacts and addressing health issues with partners such as the Marin City Health and Wellness Clinic and a specialty medical provider such as a toxicologist or public health expert. MCCRHJ also wants to develop a program to provide water filters to residents and partner with the water district to do concurrent testing and install new drinking water pipes.		<a href="mailto:terriegreen@marincityclimate.org">terriegreen@marincityclimate.org</a>	MCCRHJ		
10	Habitat Restoration/ Recreation/Flood Mitigation Drainage Pond Project	Marin City	Technical support and funding is needed to implement (an already developed) community-visioned project to transform the drainage pond in Marin City into a habitat restoration space with walking paths, recreational elements and green space for the community, and reinvigorate the pond to provide flood mitigation. A pump station is needed near the pond, and design would include an elevated walk-way/levee/brim around the pond for flood storage purposes, as well as deeper water in the pond. Needed elements include water quality testing, sediment testing, sediment removal.		<a href="mailto:terriegreen@marincityclimate.org">terriegreen@marincityclimate.org</a>	MCCRHJ		
11	Marin City specific Hazard Mitigation and Climate Action Plans	Marin City	Develop a Hazard Mitigation Plan and Climate Action Plan specific to Marin City Marin City is only briefly mentioned in the County-wide Hazard Mitigation and other Countywide plans.		<a href="mailto:terriegreen@marincityclimate.org">terriegreen@marincityclimate.org</a>	MCCRHJ	Hazard Mitigation Grant Program	
12	Comprehensive Contaminants Study	Marin City	Investigation is needed into legacy and current contamination and dumping in Marin City, including the public health impacts. This includes bringing in professionals to test flood water, pond water, sediment, soil, and air quality to understand where pollutants are and how they move through Marin City.		<a href="mailto:terriegreen@marincityclimate.org">terriegreen@marincityclimate.org</a>	MCCRHJ		
13	Drainage System	Marin City	Marin City is in dire need of a drainage system. There is currently only one way that water can exit Marin City, whereas nearby Sausalito has 7 or 8 potential exits. Chronic flooding that has been happening for over 80 years has three times since 2014 shut down the only vehicular entrance and exit to Marin City, forcing community members to wade through contaminated waters to enter or exit Marin City. MCCRHJ is advocating for drain pipes to be put in along Donohue Street to divert water under the underpass and out into the Bay. Marin County has put up many roadblocks to developing an adequate drainage system and addressing flooding issues in Marin City.		<a href="mailto:terriegreen@marincityclimate.org">terriegreen@marincityclimate.org</a>	MCCRHJ		
14	Air Quality Modeling and Monitoring; community education and training around air quality issues; and planning and implementation of air quality interventions	Marin City	Develop an air quality modeling and monitoring plan to install air quality monitors and educate and train community around air quality issues, including health impacts and preventative and remedial actions, in Marin City. Additionally, planning funding is needed to develop interventions to address air quality issues, such as a green wall. Air quality work includes addressing negative respiratory impacts from freeway and contaminants through providing space for recreation with clean air and educational space and specialty health care services for parents and children, such as green roofs and swimming pools because warm water supports lung health.		<a href="mailto:terriegreen@marincityclimate.org">terriegreen@marincityclimate.org</a>	MCCRHJ		Enhanced Air Quality Monitoring for Communities Program (EPA)

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15	Technical Consultant/Expert Support	Marin City	Technical consultants and experts are needed to hold regulators and Marin County accountable, and to support MCCRHJ's community-based participatory science projects. This includes engineers, biologists, environmental toxicologists, environmentalists, public health consultants, and others.			MCCRHJ		
16	University/College Partnerships	Marin City	Connections with local universities and colleges are needed support scientific data collection and development of a holistic action plan and projects to address issues in Marin City.			MCCRHJ		
17	Biomonitoring Testing Program	Marin City	Develop a community biomonitoring testing program to understand health impacts in the community from pollutant/contaminant exposure, modeled after the program in Bayview Hunters Point in San Francisco.			MCCRHJ		
18	Operations and Materials Support	Marin City	Funding for full-time staff, equipment, larger meeting space, materials, and supplies are needed to support grassroots operations and communication. Specific supplies needed include: equipment such as a computer, lamination machine, printer, ink, projector and educational supplies. This also includes ongoing funding for food and childcare for meetings.			MCCRHJ		
19	Science-Based Road Map	Marin City	A comprehensive report with follow-up actions, inclusive of all environmental stressors Marin City is facing, is needed to prioritize and address the issues Marin City is facing holistically. This report could be based on the model of the West Oakland Environmental Indicators Project's roadmap.			MCCRHJ		
20	Data Interpretation and Storytelling Support	Marin City	Data interpretation is needed to analyze the scientific information MCCRHJ has collected and plans to collect, and a writer/storyteller is needed to tell the ongoing story of Marin City and its challenges, as well as media support			MCCRHJ		
21	Legal Support	Marin City	MCCRHJ needs lawyers to hold regulators accountable for their duties to protect life and public health in Marin City.			MCCRHJ		

## Appendix E. Proposed Projects – South Bay

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1	Amah Mutsun	South Santa Clara County	Coyote Valley: \$16 million deals preserve open space and farmland on San Jose's southern edges , San Jose Mercury News, Mar 18, 2021, Watersheds and Streams working wth Muwekma, Amah Mutsun has agreed to the ideaof collberation	Yes	<a href="mailto:Alexandert.ciea@gmail.com">Alexandert.ciea@gmail.com</a>			
2	Muwekma Ohlone	South Santa Clara County	Coyote Valley: \$16 million deals preserve open space and farmland on San Jose's southern edges , San Jose Mercury News, Mar 18, 2021Watersheds and Streams work in potetnail working wth Amah Mutsun, Muwekma has agreed to the ideaof collberation	Yes	<a href="mailto:Alexandert.ciea@gmail.com">Alexandert.ciea@gmail.com</a>			

## Appendix E. Proposed Projects – West Bay

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1	Creek restoration and habitat restoration	San Mateo county	Association of Ramaytush Ohlone is looking into developing a project on their territory they recently accquired, this will include removal of a posinous ivy out of a creek, removal of invasive species of plants and reintroducing Native species of plants	Yes	<a href="mailto:Alexandert.ciea@gmail.com">Alexandert.ciea@gmail.com</a>			
2	Colma Creek Adaptation Plan	San Francisco County	Association of Ramaytush Ohlone is Speaking with The Colma Creek Adaptation Study – ‘Colma Creek Connector’ is a continuation of work done by Hassell and San Mateo County for the Resilient by Design Bay Area Challenge which focused on the Colma Creek Watershed over 2017-18.options and feasibility of adaptation along Colma Creek using publicly owned land, in order to:MANAGE FLOODING AND SEALEVEL RISE; RESTORE CREEK ECOLOGIES; INCREASE PUBLIC ACCESS TO THE CREEK; IMPROVE PUBLIC ACCESS BETWEEN COLMA CREEK, THE BAY AND THE BAY TRAIL	Yes	<a href="mailto:Alexandert.ciea@gmail.com">Alexandert.ciea@gmail.com</a>			
3	City of East Palo Alto Levee’s	City of Palo Alto	Horizontal levees are a green infrastructure alternative to traditional greyscape solutions (i.e., rip rap) for wave attenuation on the Bayside of flood control levees. Horizontal levees utilize a gently sloping, vegetated ecotone slope to provide multiple benefits beyond wave attenuation including refugia habitat, enhancement of transitional habitat between tidal wetlands and terrestrial uplands, sea level rise adaptation, and treated wastewater polishing. ( still defining which Tribe is identified to work with this group)	Yes	<a href="mailto:Alexandert.ciea@gmail.com">Alexandert.ciea@gmail.com</a>			
4	Community Resilience Education	East Palo Alto	Working with Climate Resilient Communities and rEPAct for disaster preparedness, development of neighborhood and EPA specific Hazard mitigation plans, training neighborhood leaders, and continued resilience/disaster preparedness education			Nuestra Casa		Prepare CA Jumpstart (CalOES)
5	EPA Parent Academy Expansion	East Palo Alto				Nuestra Casa		
6	Colma Creek Restoration Project	South SF			<a href="mailto:julio@rise-southcity.org">julio@rise-southcity.org</a>	Rise South City	Measure AA	
7	Water Quality Monitoring	Bayview Hunters Point	Working with SFEI			Greenaction		
8	Fish Monitoring	Bayview Hunters Point	Working with SFEI in hopes of developing project proposal. Measure toxic pollution through fish monitoring as proxy			Greenaction		
9	Green Infrastructure Projects					CCRCD		