

**CALIFORNIA COASTAL COMMISSION**

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**W6a**

December 6, 2019

TO: California Coastal Commission and Interested Parties

FROM: John Ainsworth, Executive Director

SUBJECT: Executive Director's Report, December 2019

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Significant reporting items for the month. [Strategic Plan](#) (SP) reference provided where applicable:

**LCP Program Status – Los Angeles County (SP Goal 4)**

Los Angeles (LA) County includes 135 miles of mainland shoreline (including the ports) as well as Santa Catalina Island (65 shoreline miles) and San Clemente Island (57 shoreline miles). The coastal zone area totals approximately 276 square miles of the County's 4,751 square miles of total land area and includes portions of the County of Los Angeles and 12 incorporated cities. These cities are: Malibu, Los Angeles, Santa Monica, El Segundo, Manhattan Beach, Hermosa Beach, Redondo Beach, Torrance, Palos Verdes Estates, Rancho Palos Verdes, Long Beach and Avalon, on Santa Catalina Island 22 miles off the coast. The coastal zone in LA County also includes the Port of Los Angeles and Port of Long Beach.

The County includes the resources of the Santa Monica Mountains in the northwest, a series of broad sandy beaches in several beach cities extending around Santa Monica Bay, the hills, rocky beaches and coves of the Palos Verdes Peninsula to industrial harbor complexes at San Pedro Bay and sandy beaches from Long Beach to Alamitos Bay. There are also thousands of recreational and commercial boating slips at facilities throughout the county. Over 10 million residents (around 26% of the state) reside in the County and cities in Los Angeles, and the area is among the most diverse in the state. The coastal jurisdictions support significant urban development, beaches, visitor and commercial recreation and varied natural resources.

With the certification of the Santa Monica Mountains Local Coastal Program (LCP) segment in 2014, the County of Los Angeles LCP now has 3 of 4 segments certified. The remaining uncertified segment is the Playa Vista A segment. The remaining Playa Vista A segment consists of lands that were transferred to the State in 2003 to be managed by the Wildlife Conservation Board. Management and/or restoration plans have not been developed and thus no LCP is currently being developed.

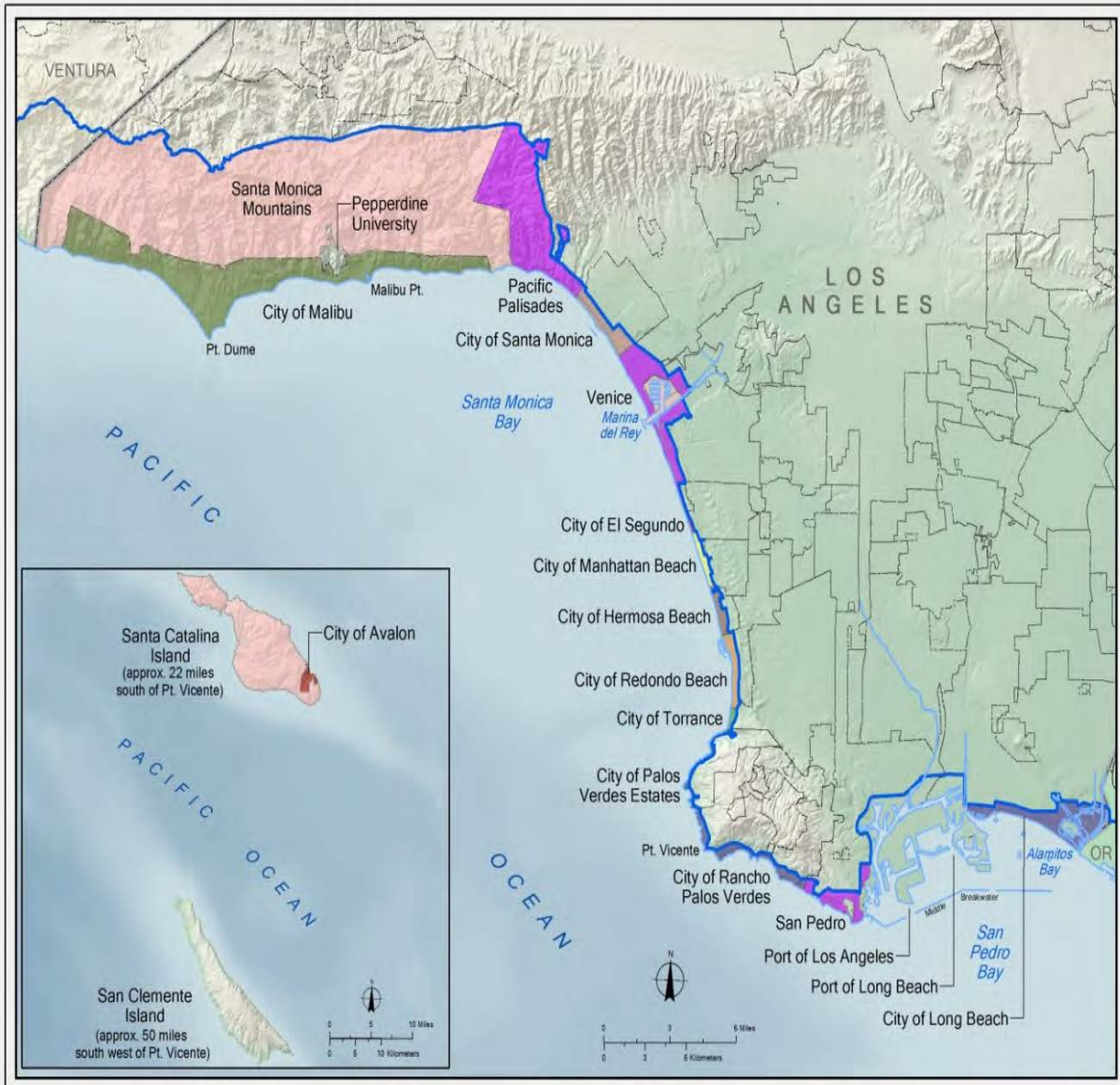
The City of Los Angeles has six segments, all of which are uncertified. The Commission awarded LCP grants in FY 13/14 (Round 1) and FY 14/15 (Round 2) to the City of Los Angeles to work toward certification of the Venice LCP segment; to date, the City has submitted all but one of the draft Land Use Plan chapters for Commission staff review. The Cities of Santa Monica and Hermosa Beach are also uncertified but both have also received LCP grants to complete their LCPs. Under the Round 2 LCP Grant program, the City of Santa Monica has produced a draft Land Use Plan, which was adopted by the City Council in October 2018. The Land Use Plan was submitted to the Coastal Commission for certification at the end of November 2018 and will likely be brought to hearing in early 2020. In addition, under the FY 16/17 (Round 3) LCP Grant program, the City of Santa Monica will produce an

administrative draft Implementation Plan by year-end, which will be revised and released for public review with support by a FY 19/20 (Round 6) grant awarded to the City in November 2019. Hermosa Beach received an LCP Grant in FY 13/14 (Round 1) and completed a draft Land Use Plan as well as draft Implementation Ordinances; under its FY 16/17 (Round 3) LCP Grant, the City of Hermosa Beach will complete additional technical studies and finalize its LCP. In addition to these cities, the City of Torrance is also uncertified.

LCPs were certified for the other jurisdictions in the county, including: the City of Malibu (2002), the City of El Segundo (1982), the City of Manhattan Beach (1995), the City of Redondo Beach (2010), the City of Palos Verdes Estates (1991), the City of Rancho Palos Verdes (1983), the City of Long Beach (1980 - one of the earliest) and the City of Avalon on Santa Catalina Island (1981). In November 2019, the Commission awarded the City of Malibu a FY 19/20 (Round 6) LCP grant to update its LCP to address sea level rise, including through the preparation of a vulnerability assessment and adaptation plan, as well as public access issues. The City of Avalon was awarded an LCP Grant in FY 16/17 (Round 3) to fund the completion of a sea level rise vulnerability assessment and a draft targeted LCP amendment on sea level rise. Avalon was also awarded a FY 19/20 (Round 6) grant to develop a Sea Level Rise Adaptation Plan and appropriate updates to the targeted LCP amendment on sea level rise. The City of Manhattan Beach was awarded an LCP Grant in FY 19/20 (Round 5) to fund the completion of a sea level rise vulnerability assessment, adaptation plan, and comprehensive update to its LUP. Port Master Plans were certified for both the Port of Long Beach (1978) and the Port of Los Angeles (1980).

In addition to the planning underway to achieve certification of new LCPs, some work is underway in the City of Long Beach to update portions of its LCP. The City is currently working on completing the LCP for the Los Cerritos Wetlands area and updating the Southeast Area Development and Improvement Plan (SEADIP), including related parts of the LCP (see [http://www.lbds.info/seadip\\_update/](http://www.lbds.info/seadip_update/)). The Port of Los Angeles updated its Port Master Plan in February 2014, although this update primarily involved reformatting and making the document more user-friendly.

**Figure 1. Los Angeles County Coastal Zone LCP Jurisdictions**



## Meetings and Events

### Board of Forestry & CALFIRE Vegetation Treatment Program

On October 31, Sarah Christie and I attended a multi-agency meeting at the Natural Resources Agency called by the Board of Forestry and CalFire to discuss implementation of the statewide Vegetative Management Program. This program will require prescribed burning, fuel reduction and restoration activities across more than 20 million acres of the state, including potentially 540,000 acres in LCP jurisdictions. We discussed ways in which other departments can help to implement and facilitate the Governor's directive to safeguard communities from wildfire risk, and support habitat resilience in a warming climate. This includes exploring ways to create more efficient and effective permitting processes at both the State and local

level to ensure the program can be implemented quickly. All affected departments, including the Commission, share some responsibility for reducing wildfire risk, but like so many things, we do not have the resources or capacity currently to provide the level of support that CalFire deserves, but we shared some ideas and potential solutions that were well received.

### **Commission Regulation Approval**

The Office of Administrative Law has approved all the regulation changes adopted by the Commission in October. As a result, two sets of amendments (the first adopted in June) will take effect simultaneously on January 1, 2020.

The amendments seek to streamline and update staff report and hearing procedures. The most important changes provide for electronic communication, include the filing of appeals by email; a more detailed procedure for disputes with local government; clarification of enforcement actions; the ability to move any type of noncontroversial item from the regular calendar to consent; and immediate effectiveness of most local coastal program amendments, when they are approved as submitted.

The Commission legal division is preparing a more detailed briefing for Commissioners that will be added to the February agenda as part of the Executive Director report. Both sets of changes are available the Commission's [rulemaking page](#), under the "About"/Laws and Regulations section of the website.

### **Government Alliance on Racial Equity Program**

As part of our ongoing commitment to increase equity at our agency, Coastal Commission staff just concluded its second year of training with the Government Alliance on Race and Equity or GARE. GARE is a national network of government staff working to achieve racial equity and advance opportunities across the country. We had a team of about 20 staff, who for two years, traveled to Sacramento for a total of 100 hours of training with more than a dozen other state agencies. There, staff explored key concepts such as equity v. equality, unconscious bias and how government has contributed to racial inequities. Our team worked on the Commission's environmental justice policy and created a racial equity action plan to address internal procedures and practices. The racial equity action plan focuses on our recruitment and hiring, retention and training practices. We came up with a long list of actions and goals, some of which informed our environmental justice implementation plan. We have already begun work or completed many of these items including creating an onboarding packet for new staff, adding racial equity language in our job postings and creating an introductory racial equity and environmental justice training for staff. Staff will give a more detailed presentation of this work to Commissioners in February.

### **Ocean Protection Council Strategic Plan**

Commission staff provided written and verbal comments on the California Ocean Protection Council's draft Strategic Priorities to Protect California's Coast and Ocean 2020-2025 at the OPC Hearing on November 13. Overall, the draft Strategic Priorities set forth a number of ambitious goals and outlines an overall statewide plan for confronting the challenges that California's coasts and oceans face. Commission staff applauds OPC for their aspirational vision and looks forward to continuing to coordinate with OPC and other State agencies in carrying out the actions called for in the draft Strategic Priorities. Commission staff also provided several recommendations for enhancing the Strategic Priorities, including providing

some additional detail about how OPC will support the statewide goals and actions set forth in the Strategic Priorities, as well as refining and clarifying several of the goals and actions related to planning for and adapting to sea level rise. Commission staff will continue to coordinate with OPC as the draft Strategic Priorities are finalized over the next couple of months. Commission staff's full comment letter is available as **Attachment A** of this report, and the OPC draft Strategic Priorities can be found at <http://www.opc.ca.gov/2019/11/public-comment-solicitation/>.

## **LCP Grants Status Report**

The Commission has funded 40 local jurisdictions through six rounds of LCP Grant funding since 2013, for a total of approximately \$8.3 million through 68 LCP grants. Round 1 funded 11 local jurisdictions and is complete as of April 2016. All 13 Round 2 LCP grant projects are complete as of April 2019. For Rounds 3 and 4, all 21 LCP grant projects are nearly complete (see [Attachment B](#) for a status report on Round 3 LCP Grants and [Attachment C](#) for a status report on Round 4 LCP Grants). For Round 5, all five LCP grant projects have been executed and work is underway (see [Attachment D](#)). For Round 6, work programs are being developed and contracts are expected to be executed in early 2020.

## **Commission Public Education Events**

### **California King Tides**

On January 10-12, the first official King Tides of the season will arrive. Visit [www.coastal.ca.gov/kingtides/](http://www.coastal.ca.gov/kingtides/) to learn how to observe and document the highest high tides of the year to create a record of changes to our coast and help guide planning for sea level rise.

### **Contra Costa Watershed Symposium**

Staff provided a keynote address on the legacy of California Coastal Cleanup Day to the 20<sup>th</sup> anniversary Contra Costa Watershed Symposium, December 5.

### **California STEAM Symposium**

Public Education staff is presenting three workshops for teachers at the California Department of Education's annual California STEAM Symposium, December 9-10 in Anaheim.

In December, Boating Clean and Green Program staff in partnership with The Bay Foundation recognized the top 2019 volunteer Dockwalkers who administered and returned the most boater surveys. Dockwalkers are partners who inspire and educate boaters and other recreators to be safe and environmentally sound while boating in California. In 2019, volunteers donated over 2,000 hours.

### **California Clean Boating Network (CCBN)**

Boating Clean and Green Program staff led and facilitated the northern and delta chapters meeting of the CCBN on December 5. Topics included:

- A comprehensive regional study of microplastic pollution in the Bay Area showing a staggering 7 trillion pieces of microplastic emitted to SF Bay every single year, through both wastewater and stormwater (Liz Miller, PhD, Environmental Scientist, San Francisco Estuary Institute)
- The Surrendered and Abandoned Vessel Exchange Program for the state (Ron Kent, California State Parks Division of Boating & Waterways)
- The results from the San Francisco, San Mateo and Alameda County marine flare pilot collection events (Huy Le, San Francisco Department of the Environment, Bruce Fritz Alameda County Department of Environmental Health).
- The Pumpout Nav App and how CA is doing in terms of the sewage pumpouts (Adrien Baudrimont and Liz Juvera with San Francisco Estuary Partnership).

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**Attachment A**

November 13, 2019

Ocean Protection Council Members

Mark Gold, Executive Director | Jenn Eckerle, Deputy Director  
California Ocean Protection Council, California Natural Resources Agency  
1416 Ninth Street, Suite 1311 | Sacramento, CA 95814

**Re: OPC's Strategic Priorities to Protect California's Coast and Ocean 2019-2024**

Dear Director Gold and Deputy Director Eckerle:

The Coastal Commission staff appreciates the opportunity to offer comments on the revised draft of the Ocean Protection Council's (OPC) Strategic Priorities to Protect California's Coast and Ocean (Strategic Plan). Coastal Commission staff strongly supports the OPC's work to address climate change and to ensure healthy and resilient coastal and marine ecosystems for current and future generations. We thank the OPC for its statewide leadership on these issues, and its commitment to coordinating with, and supporting, state agencies such as the Coastal Commission on the front lines of regulatory and policy decision-making in this arena. The OPC plays a critical role in providing coordination, facilitation, and support among agencies and stakeholders, including in its role as a communicator and science translator, around climate change impacts and coastal and marine ecosystem health, and we anticipate a continued and growing need for this work at the state, regional, and local scale.

Coastal Commission staff applauds the Ocean Protection Council for their aspirational vision to protect California's coast and ocean as reflected in the draft strategic plan. This plan sets forth a number of ambitious goals and outlines an overall statewide plan for confronting the challenges that California's coasts and oceans face. As reflected in the document, this work will necessarily include coordination among numerous agencies, and Coastal Commission staff looks forward to continuing our partnership with OPC and other agency staff in working towards the goals laid out in the strategic plan.

Given the importance of the statewide goals laid out in the strategic plan, Coastal Commission staff has several recommendations for strengthening the plan. First, we believe that the document would benefit from more explicitly stating the actions OPC will take to carry out Strategic Plan, such as providing technical support, facilitation of stakeholders, contributing funding, or serving as a lead agency in developing certain plans, products or related efforts. In addition to helping to further refine specific actions, this type of clarity will help ensure that specific targets and actions are not inadvertently lost over time in the midst of complex work carried out by numerous agencies with complementary missions. Further, this plan envisions support from multiple agencies participating in various efforts but without clarity about where the staff capacity and resources to support these efforts will come from. Including additional specificity about how OPC will support the strategic priorities, particularly in providing or advocating for additional funding, would help ensure that actions are carried out as identified in the plan.

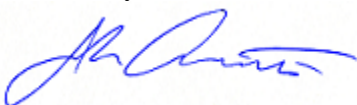
One such specific action that OPC may be well-suited for in its role as a science provider and communicator is in helping to coordinate the collection, management, and provision of scientific data. Many of the targets and actions within the strategic plan implicate a need for tracking and monitoring changes, and then learning from and updating approaches. For example, tracking physical changes caused by climate change and sea level rise, monitoring biological and community responses to the changes, understanding how well pilot projects and adaptation strategies are working, and updating adaptation options as necessary. Thus, Coastal Commission staff recommends including an overarching goal or target related to advocating for and/or providing funding for a better statewide approach for collecting, housing, and disseminating information related to climate change impacts and adaptation strategies.

Second, Coastal Commission staff suggests that rather than specifying a single target for sea level rise resilience planning, OPC revises Target 1.1.1 and the related actions to call for ensuring that communities are preparing for long-term resiliency to a range of sea level rise scenarios, including the extreme H++ scenario, and are responsive to changes in best available science, and the need for phased adaptation approaches. Additionally, staff recommends including an additional action as follows: *“In cooperation with coastal partners, coordinate on a resilience framework that promotes and provides goals for phased adaptation and ongoing resilience. Ensure that short- and medium-term actions support long-term resiliency goals.”*

Lastly, we strongly recommend that OPC revise Target 1.1.5 to clarify that rather than suggesting communities create a new type of sea level rise adaptation plan, OPC encourages communities to continue ongoing adaptation planning efforts, and to implement adaptation actions through existing planning frameworks as a means to achieve coastal resilience. Such clarification would help strengthen alignment among General Plans, Local Coastal Programs, and Local Hazard Mitigation Plans, which are three planning frameworks that locally implement state resiliency policy goals. Specifically, Commission staff suggests revising Target 1.1.5 as follows: *“Build on existing planning efforts to ensure adoption of a requirement that, at a minimum, all coastal counties will develop an adaptation plan and integrate adaptation approaches into existing planning frameworks (e.g., General Plans, Local Coastal Programs, Local Hazard Mitigation Programs) by 2023.”* In addition, CCC staff recommends adding an additional action as follows: *“Facilitate coordination among state agencies and local jurisdictions and support efforts to align planning documents including but not limited to General Plans, Local Coastal Programs, and Local Hazard Mitigation Plans, around coastal resilience goals.”*

Thank you again for seeking Commission staff input, and we look forward to continuing our close partnership with OPC as we confront the many challenges of protecting California’s vital coastal and ocean environment. We will be happy to discuss our comments with you if that would help, and are available to provide additional detail as necessary.

Sincerely,



JOHN AINSWORTH  
Executive Director



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# Attachment B

## 11<sup>th</sup> Status Report on Round 3 Local Coastal Program Grants

*The following is a summary of the work completed under the 14 Round 3 Local Coastal Program Grants awarded in August 2016 (listed from North to South) from December 15, 2016 through September 30, 2019. Funds spent up to September 30, 2019 total \$2,183,946.24 of \$2,476,011 awarded.*

### 1) City of Pacifica – Grant Total \$188,00

- **Project Summary:** The City of Pacifica will update its Land Use Plan (LUP) by incorporating findings from a Sea Level Rise Vulnerability and Risk Assessment and Adaptation Plan. The City will assess vulnerabilities and risks to key infrastructure, coastal resources and populations as a result of sea level rise, flooding, and erosion. Utilizing the Our Coast Our Future tool, three sea level rise scenarios will be studied, while erosion potential will be evaluated using data from the Pacific Institute. The City will evaluate sea level rise strategies and compare how they address identified vulnerabilities and risks. This evaluation will include an in-depth assessment of the costs and benefits of implementing each strategy, including the costs and benefits related to recreational and ecological values of beaches and other coastal resources, along with consideration of community input. The City will also consult with San Mateo County and leverage the County's Sea Change SMC strategies to identify how the City and County can work together to implement strategies that protect the City and its resources. Identified adaptation approaches will be integrated into LUP policies and an updated LUP will be locally adopted and submitted to the Coastal Commission for certification outside the grant term.
- **Work Completed:**
  - Project Launch (Task 1): Complete. A Request for Proposals was issued and a consultant selected in September 2017; the Community Engagement Plan has also been completed.
  - Assessment Preparation (Task 2): Complete. The City has completed both the Future Conditions Scenarios and the Critical Assets Inventory Memo. The Final Vulnerability Assessment was completed and released in June 2018 as Appendix A of the Preliminary Draft Adaptation Plan.
  - Adaptation Plan Development (Task 3): Complete. The City completed its final draft adaptation plan in September 2018.
  - Incorporate Vulnerability Assessment and Adaptation Plan Findings into LCP Framework (Task 4): In Progress. The City held two Planning Commission and Council joint study sessions and created the Consultation Draft Local Coastal LUP, including final draft LUP policies related to SLR adaptation. The City Council approved the submittal of the Consultation Draft LUP to the Commission on September 30, 2019. Commission staff is now reviewing the

LUP policies before the LUP will be locally adopted in 2020 (and outside the grant term).

- City Public Hearings (Task 5): To commence outside the grant term.

- **Grant Term:** 5/10/2017 – 12/31/2019

## 2) **City of Half Moon Bay** – *Grant Total \$85,000*

- **Project Summary:** The City of Half Moon Bay will prepare a biological resources technical study, which will produce essential vegetation and environmentally sensitive habitat area maps that will be integrated into its Land Use Plan (LUP) and General Plan update. The grant project also includes public outreach opportunities and finalization of the LUP through local hearings and adoption, with submittal of the LUP to the Commission for certification to occur outside the grant term.

- **Work Completed:**

- Biological Resources Technical Study (Task 1): In Progress. The City has completed draft habitat and Environmental Sensitive Habitat Areas (ESHA) maps of the Natural Resources chapter that was released to the public on October 30, 2018. The City also held a meeting with Huffman Broadway Group to discuss a running errata sheet of changes to be made to the draft ESHA maps for the final draft version. Recently, the City has been in coordination with State Parks staff on documented Snowy Plover nesting habitat sites in the State Beach area. The City has also continued working on compiling and incorporating changes to the final ESHA maps.
- Local Hearings (Task 2): In Progress. The City has provided Commission staff with the public draft chapters of the LUP update and is coordinating on pre-submittal review and suggested modifications. The City has also held numerous Planning Commission meetings and study sessions to discuss several new draft sections of the LUP and to discuss public comments as well as finalization of the LUP. The City has also continued to meet with the Coastside County Water District to discuss information needs for the draft Public Works chapter and with several property owners to discuss the implications of updated LUP policies and habitat maps. City staff also provided Commission staff with a full public draft of the LUP Update and is coordinating on presubmittal review and suggested modifications.

- **Grant Term:** 1/17/2017 – 12/31/2019

## 3) **City of Morro Bay** – *Grant Total \$200,000*

- **Project Summary:** The City of Morro Bay will complete technical studies designed to ensure that priority coastal issues in Morro Bay are addressed in greater depth, while also establishing new and improving upon existing data resources to support future implementation of proposed LCP policies. These data resources will include: 1) a comprehensive update to and documentation for the City's Environmentally Sensitive Habitat Area (ESHA) map; 2) dynamic modeling of potential sea level rise scenarios, and commensurate adaptation strategies; 3) a comprehensive plan to address lateral access along the Embarcadero; 4) a detailed inventory and action plan for low-cost visitor serving accommodations; and 5) updates to existing sea level rise modeling as new best available science projections are identified. Findings from these

additional studies will be incorporated into the City's LCP update, which is scheduled for local adoption in December 2018 as part of Plan Morro Bay, an integrated planning project which includes a General Plan update, LCP update, Zoning Code update, and Downtown Waterfront Strategic Plan.

- **Work Completed:** The City of Morro Bay has completed its grant project following the completion of a final draft vulnerability assessment.
  - Project Management (Task 1): Complete.
  - ESHA Map Update (Task 2): Complete. The City completed its final draft Environmentally Sensitive Habitat Areas (ESHAs) GIS layer and Climate Change Considerations Memo in August 2018.
  - SLR Adaptation Strategy Modeling (Task 3): Complete. The City's final draft report on potential SLR adaptation measures has been completed. Several Planning Commission meetings were also held throughout the grant term to discuss the Draft Plan Morro Bay, including prioritized SLR measures.
  - Bayside Lateral Coastal Access Plan (Task 4): Complete. The existing conditions portion of the Plan as well as a poster of the preferred bayside lateral access alignment has been completed. The Lateral Coastal Access policies have also been incorporated into the public draft of Plan Morro Bay.
  - Low-Cost Visitor Accommodations Inventory and Implementation Strategy (Task 5): Complete. A draft and final memo identifying existing accommodations conditions has been completed. The City has also incorporated its draft low-cost policy language into the public draft of Plan Morro Bay.
  - Update Sea Level Rise Model (Task 6): Complete. The City completed its final draft vulnerability assessment, including SLR model that focuses on addressing the H++ scenario to support planning for critical community facilities.
  - *Adopt Plan Morro Bay (Task 7): Local adoption of Plan Morro Bay will occur outside the grant term and is not funded by the grant.*
- **Grant Term:** 2/27/2017 – 9/30/2019

#### 4) City of Santa Barbara – Grant Total \$295,892

- **Project Summary:** The City of Santa Barbara will develop a draft Local Coastal Program (LCP) amendment to incorporate information from a comprehensive Sea Level Rise (SLR) Adaptation Plan that will build off of prior SLR planning work under the Commission's Round 1 LCP grant. The City will review additional modeling products for applicability and complete an analysis of impacts and feasible adaptation strategies for low-lying and coastal bluff areas in the City's coastal zone. This information will be synthesized with an economic analysis of a range of adaptation strategies to be used to draft policies and development standards for inclusion in the City's Land Use Plan (LUP) and Implementation Plan (IP). This will be closely aligned with the City's public outreach efforts. A technical study on lower cost visitor serving accommodations will also be prepared. A draft LCP Amendment will be developed as part of the City's grant project, with the final LCP Amendment and certification to occur outside the grant term.
- **Work Completed:**

- Public Outreach Plan (Task 1): In Progress. The City of Santa Barbara has continued to implement its public outreach program by developing public outreach materials, maintaining its website and providing for stakeholder engagement. Five public workshops have been completed. Meeting notices, materials, and minutes for the SLR Adaptation Plan Subcommittee are also available online. The subcommittee began meeting twice a month since August 2018.
- Sea Level Rise Adaptation Plan (Task 2): In Progress. Following the release of a Public Draft Vulnerability Assessment in November 2018, the City is continuing with its preparation of a revised Vulnerability Assessment based on Commission staff and public comment that will be included in its Final Draft Adaptation Plan due by year-end. As part of the Adaptation Plan, the City has prepared a Cost/Benefit analysis.
- Policy Development for Lower-Cost Visitor-Serving Accommodations (LCVSA) (Task 3): In Progress. The City completed its Final Report on Overnight Accommodations in August 2019 and is now working on development of lower cost policies to be included as part of the LUP amendment.
- **Grant Term:** 1/1/2017 – 12/31/2019

5) **City of Carpinteria** – *Grant Total \$150,000*

- **Project Summary:** The City of Carpinteria will develop an administrative draft Land Use Plan (LUP) update to address Climate Change and Sea Level Rise (SLR). Grant work includes extensive public outreach and engagement; formation of a General Plan / Local Coastal Land Use Plan Committee to guide the update process; and development of technical studies, including a SLR Vulnerability Assessment and Adaptation Plan. The technical studies will examine policies that protect public access to beaches, parks and other recreational facilities, climate adaptation strategies along the coast and creeks to ensure resiliency, the promotion of a healthy quality of life for residents and visitors to the community, and sustainable economic planning to ensure long-term success of all strategies and goals. The grant project will also include a comprehensive policy update, as well as the development of updated maps and diagrams. The final LUP update, including local adoption and a zoning code update, will be completed outside the grant term.
- **Work Completed:**
  - Initial Announcement (Task 1): Complete. The City has completed its initiation task related to grant execution and City Council approval of the GP/LCP Committee.
  - Consultant Selection (Task 2): Complete. A consultant has been selected for the duration of the grant project.
  - Identify Active Participants and Stakeholders (Task 3): Complete. The City has selected a project manager and has drafted and contacted an initial list of stakeholders; outreach is ongoing.
  - Stakeholder and Participant Meetings (Task 4): Complete. The City has held Stakeholder and Participant Meetings in July, August, September and November 2017. A public website on the GP/LCP update has been launched.

- Provide Background Documents to Committee and CCC Staff (Task 5): Complete. The City has also provided Committee and Coastal Commission staff with historic documents for review, including the City Mission Statement, Baseline GP/LCP, Legal Requirements, local, state and federal requirements, forecasts, and related data and surveys.
- SLR Vulnerability Assessment and Adaptation (Task 6): Complete. The final SLR Vulnerability Assessment and Adaptation Plan were completed and submitted to Commission staff in March 2019.
- Develop Draft GP/LCP Policies (Task 7): In Progress. The City has completed numerous policy chapters of its Administrative Draft LUP, including Safety, Community Design, Circulation, Open Space, Conservation, Public Facilities & Services, Land Use, Coastal Resiliency, and Healthy Community Elements; these chapters have been submitted to Commission Staff for review, with a full Administrative Draft LUP incorporating Commission Staff comments to be completed by year-end.
- **Grant Term:** 3/22/2017 – 12/31/2019

6) **County of Ventura** – *Grant Total \$225,000*

- **Project Summary:** The County of Ventura will update its Local Coastal Program (LCP) to address the effects of Sea Level Rise (SLR). Grant-funded work will include development of a Coastal Hazard Vulnerability and Risk Assessment that uses the Nature Conservancy’s SLR modeling tool, the FEMA web mapper, and other data sources as necessary and applicable; development of adaptation strategies based on the findings of the vulnerability assessment as well as stakeholder outreach and coordination with Commission staff; and development of an amendment to the County’s Land Use Plan (LUP) to address SLR. Local adoption and Commission certification of the LCP update will occur outside the grant term.
- **Work Completed:** The County of Ventura has completed its grant project with the submittal of Coastal Area Plan policies to Commission Staff.
  - Project Initiation (Task 1): Complete. The County executed its grant agreement and hired a consultant for the duration of the grant project.
  - Coastal Hazard Vulnerability and Risk Assessment (Task 2): Complete. The County completed its final Coastal Hazard Vulnerability and Risk Assessment in December 2018.
  - Preliminary Regulatory and Adaptive Strategies and Options (Task 3): Complete. The County completed its Adaptation Strategies Report, which includes an economic analysis of potential fiscal losses related to public and private property impacted by sea level rise.
  - Develop Preliminary Draft Coastal Area Plan (CAP) Policies (Task 4): Complete. The County completed its draft CAP policies in May 2019.
  - Prepare Draft Documents, Recommendations, and Conduct Board of Supervisors Hearing (Task 5): Complete. Following review of the draft CAP policies by the County Board of Supervisors, the final reports and draft CAP policies were submitted to Commission staff in September 2019.
- **Grant Term:** 3/22/2017 – 9/30/2019

7) **City of Santa Monica** – *Grant Total \$100,000*

- **Project Summary:** The City of Santa Monica will prepare and complete an administrative draft Local Coastal Program (LCP) Implementation Plan (IP) that will be locally adopted and submitted for Commission certification outside the grant term. The grant project will include community outreach to inform the IP development process, as well as development of an economic study for proposed updating to the City’s Low Cost Lodging Mitigation Fee.
- **Work Completed:**
  - Project Initiation (Task 1): Complete. The City selected a consultant for the duration of the grant project.
  - Coastal Zoning Ordinance Outline (Task 2): In Progress. The City completed a draft matrix of LUP policies to be integrated into its Coastal Zoning Ordinance, as well as a draft table of contents.
  - Administrative Draft Coastal Zoning Ordinance (Task 3): In Progress. The City has commenced with its drafting of an Administrative Draft Coastal Zoning Ordinance based on its draft matrix and draft table of contents prepared under task 2.
  - Public Engagement (Task 4): In Progress. The City has commenced with its public outreach process by holding a Lower Cost Lodging stakeholder meeting.
  - Low Cost Lodging Mitigation Fee Update (Task 5): In Progress. The City has commenced with its review of existing fees and relevant research to update the lodging fee.
- **Grant Term:** 1/19/2017 – 12/31/2019

8) **City of Hermosa Beach** – *Grant Total \$135,899*

- **Project Summary:** The City of Hermosa Beach will develop an Implementation Plan (IP) and incorporate findings from additional technical studies into its Local Coastal Program (LCP). The City will build off of its Round 1 LCP work, which resulted in the drafting of an updated Land Use Plan (LUP) in conjunction with the City’s ongoing work to update its General Plan (together, *PLAN Hermosa*), by refining its LUP (and initiating a targeted LUP amendment if needed) and by carrying out additional technical analyses on three topic areas: sea level rise (SLR), affordable accommodations, and parking. The City will also implement a public outreach program to support LCP development and will submit the IP to the Commission, with certification to occur outside the grant term.
- **Work Completed:**
  - Coordination with CCC Staff (Task 1): Ongoing. The City has held numerous discussions with Commission staff, including most recently in July 2019 to discuss completing the grant project by year-end.
  - Engage the Community on the Draft Plan (Task 2): In Progress. A stakeholder survey has been developed for community engagement events in earlier reporting periods. The City has also held stakeholder meetings on parking issues and sea level rise visualizations.
  - Technical Studies (Task 3): In Progress. The City has completed an administrative draft of its Parking Management report, which was submitted

to Commission Staff for review. The City has also continued developing a work program for sea level rise visualization tools, as well as preparing a draft Affordable Accommodations report.

- Draft LUP (finalization of IP standard of review) (Task 4): In Progress. The City has continued to update its draft LUP (Plan Hermosa) by incorporating Commission staff comments. A final draft LUP is expected to be completed and released for public review by year-end.
- Refine the Draft Implementation Plan (Task 5): In Progress. The City has commenced with developing a Draft Implementation Plan (IP).
- **Grant Term:** 6/5/2017 – 12/30/2019

**9) City of Seal Beach – Grant Total \$167,500**

- **Project Summary:** The City of Seal Beach will develop an administrative draft Land Use Plan under the grant term as part of its efforts to develop its first Local Coastal Program (LCP). Grant work includes a community outreach program; development of a Sea Level Rise (SLR) Vulnerability Assessment and Adaptation Plan; and preparation of an administrative draft LUP (including technical analysis of Low Cost Visitor Serving Accommodations, Environmentally Sensitive Habitat Areas, Land Use, Public Access, and Beach Use and Events). Local adoption of the LUP and development of an IP, including local adoption, as well as submittal of the entire LCP to the Commission for certification, will all occur outside the grant term.
- **Work Completed:**
  - Project Kickoff and Define Scope (Task 1): Complete. Technical Analysis of baseline conditions has been completed, while the City has also completed its collection and review of baseline city data. A field visit of the City’s coastal zone occurred in April.
  - Consultation with CCC Staff (Task 2): Ongoing. The City has maintained coordination with Commission Staff, including during the City’s preparation of a Sea Level Rise Vulnerability Assessment and draft LUP policies.
  - Community Outreach Program (Task 3): Complete. The City completed its Outreach Plan as well as three community workshops that took place in April, July and August of 2019.
  - Sea Level Rise Assessment (Task 4): Complete. A revised draft Vulnerability Assessment based on Commission Staff comments has been completed, as well as draft Adaptation Measures.
  - Prepare Seal Beach LCP Drafts and Maps (Task 5): In Progress. The City has prepared a draft basemap, LUP outline, and administrative draft LUP policies, which Commission staff reviewed and provided comments on to the City. The City is now revising the administrative draft LUP to address Commission staff comments and submit an iterative draft LUP by year-end.
- **Grant Term:** 12/12/2017 – 12/31/2019

**10) City of Dana Point – Grant Total \$135,000**

- **Project Summary:** The City of Dana Point will amend its Local Coastal Program (LCP) to incorporate findings from a Sea Level Rise (SLR) Vulnerability and Risk Assessment. The City will conduct its Vulnerability Assessment according to recent

SLR scenarios and by using the latest data and modeling, including CoSMos 3.0. Grant work will also include public and stakeholder outreach; development of a Coastal Resource Database including information on infrastructure and assets, habitats, and coastal armoring; a Risk Assessment for infrastructure, economic, and ecological resources including development of possible adaptation measures and a qualitative evaluation of the costs and benefits of various strategies; and development of the draft LCP amendment for submittal, with certification to occur outside the grant term.

- **Work Completed:**

- Project Initiation (Task 1): Complete. A Request for Proposals was issued and a Consultant selected in June 2017.
- Coastal Resources Database (Task 2): Complete. The City reached out to Commission Staff, the County of Orange, the South Coastal Water District, and State Parks to gather relevant data sets for the consultant team to assist in their analysis and work on the Vulnerability Assessment.
- Public and Stakeholder Outreach Kickoff Meeting (Task 3): Complete. An initial public outreach meeting was held in March 2018. A stakeholder/interested parties list has also been prepared, while a City webpage was created to provide updates and documents from the project.
- Model and Map Coastal Resources for Climate Scenarios (Task 4): Complete. The City has completed its modeling and mapping of coastal resources under varying SLR scenarios and coastal hazards.
- SLR Vulnerability and Risk Assessment (Task 5): In Progress. The City completed a draft of its Vulnerability Assessment and Adaptation Strategies Report early in 2019 and released it for public review following Commission Staff review in October 2019. A public outreach meeting is scheduled for December 4, 2019, while finalization of the draft Vulnerability Assessment is in progress.
- Draft LCPA (Task 6): In Progress. The City continued to discuss the best approaches to incorporate new policies into the LCP with Commission staff, as well as drafting new policies that will be included in the LCP amendment by year-end.

- **Grant Term:** 6/19/2017 – 12/31/2019

#### 11) City of San Clemente – *Grant Total \$157,500*

- **Project Summary:** The City of San Clemente will submit its Land Use Plan (LUP) to the Commission for certification and develop an Implementation Plan (IP) table of contents/outline and portions of an in-progress working draft IP. Grant work will include possible revisions to the LUP; further development of existing Sea Level Rise (SLR) studies based on best available science, including the City’s Vulnerability Assessment; and the drafting and development of the City’s working draft IP, which will incorporate implementation measures based on the findings of the SLR studies. The City will also conduct public outreach meetings and workshops focused on the SLR studies, as well as executing a targeted LUP amendment to incorporate SLR findings. Finalization, including Commission certification, of the IP will commence



outside the scope of this grant project, but with funding provided under a Round 5 LCP grant.

- **Work Completed:**
  - Coastal Commission Engagement (Task 1): Complete. An Internal kick-off meeting and subsequent meetings with Commission staff have all been completed; the City will continue to check in with Commission staff as needed.
  - Land Use Plan (Task 2): Complete. The LUP was completed and submitted to the Commission for hearing in December 2017. In February 2018, the Commission voted to approve the LUP with suggested modifications; the LUP was then locally adopted by the City Council in June 2018 and signed off by Commission's Executive Director on August 9, 2018.
  - Sea Level Rise Study (Task 3): In Progress. The City incorporated Commission Staff comments into a revised SLR study that was released for public review from August 2019 through September 2019. A final draft of the public review draft Vulnerability Assessment will then be prepared for City Council consideration and submittal to Commission staff. SLR study findings, recommendations and public comment will be used to inform the City's Coastal Resiliency Plan to be prepared under its Round 5 LCP grant.
  - Public Outreach (Task 4): Complete. Public notices have been drafted and mailing lists prepared for the purpose of publicizing the SLR study, the LUP and the draft IP. To date, a public workshop was conducted in November 2017 on the draft SLR study, while a public meeting on the LUP was held in May 2018.
  - Draft Implementation Plan (Task 5): Complete. The City has completed a working draft of portions of its Implementation Plan, including completing a draft IP outline. The IP will now be completed with Round 5 LCP grant funding (and outside the term of this grant project).
- **Grant Term:** 3/13/17 – 9/30/2019

## 12) City of Oceanside – Grant Total \$200,000

- **Project Summary:** The City of Oceanside will update the City's Land Use Plan (LUP) with a focus on planning for Sea Level Rise (SLR). The City will prepare a coastal hazards vulnerability assessment and a separate adaptation plan in conjunction with the City's participation in the coastal hazard vulnerability assessment now being prepared by Local Governments for Sustainability (ICLEI). The City will also prepare an economic and fiscal impact analysis as part of the adaptation plan to estimate the costs of coastal hazard impacts as well as the costs of adaptation strategies and implementation measures. Numerous public outreach meetings and workshops will also be held, including two public workshops to allow the public an opportunity to review and provide input regarding the City's SLR work. The LUP will be finalized based on the results of its SLR technical analyses, community and intergovernmental input, and in coordination with the City's General Plan, namely the Economic Development and Energy/Climate Action elements. Following submittal and certification of the LUP during the grant term, the City will undertake an update to the Implementation Plan (IP) outside the grant term.

- **Work Completed:**
  - Coastal Commission Engagement (Task 1): Ongoing. The City executed its grant agreement and selected its consultant; regular coordination meetings with Commission staff are ongoing.
  - Project Initiation (Task 2): Complete. A kickoff meeting has been held and a consultant has been selected. The City has also completed its final scope of work and project schedule, as well as draft technical studies, including its final draft Vulnerability Assessment.
  - Coastal Hazard Vulnerability Assessment and Adaptation Plan (Task 3): In Progress. The City completed a final draft Vulnerability Assessment in January 2019 and has since been working on completing its Adaptation Plan.
  - Community Outreach (Task 4): Ongoing. The City has developed a webpage and solicited input from online surveys and is preparing for a third and fourth public workshop for discussion of the Draft LUP, which are scheduled for the Fall.
  - Policy Development – LUP Update (Task 5): In Progress. The City has continued to prepare background studies addressing existing conditions in the coastal zone as part of its LUP policy update. The Draft LUP outline and policy audit have also been prepared and are currently under staff review.
  - Coordination with Economic Development and Energy/Climate Action Element (Task 6): Not Started.
  - Review and Final Draft LUP (Task 7): Not Started.
  - Adoption Hearings (Task 8): Not Started.
  - Coastal Commission Submittal (Task 9): Not Started.
- **Grant Term:** 4/27/2017 – 12/31/2019

**13) City of Del Mar – Grant Total \$211,220**

- **Project Summary:** The City of Del Mar will supplement its completed Round 2 LCP grant project with additional technical studies, including supplemental hazard analyses, a sediment management plan, and a San Dieguito Lagoon wetland habitat migration assessment. For the supplemental hazard analyses, the City will review the final results of CoSMoS 3.0, compare CoSMoS results to the supplemental analysis for Del Mar, and incorporate the CoSMoS results into the hazard analyses as appropriate. The Sediment Management Plan will identify “soft” sediment management solutions to protect development and coastal resources, including beach nourishment, dune management, San Dieguito River Lagoon mouth and channel dredging (for river flood management and beneficial reuse of dredge material for beach nourishment), and integration with the San Diego Regional Sediment Management Program. For the San Dieguito Lagoon wetland habitat migration assessment, the City will assess the potential for wetland habitats to migrate upstream and to upland areas adjacent to the Lagoon to complete the wetland vulnerability assessment and develop adaptation measures that facilitate habitat migration and avoid habitat disruption. Throughout the grant project, the City will also hold public outreach events to inform the development of these technical studies. Following the completion of these technical studies, the findings of the supplemental SLR analyses will be incorporated into an LCP Amendment.

- **Work Completed:** The City of Del Mar has completed its grant project with the local adoption and submittal of its LCP Amendment to the Commission.
  - Supplemental Sea Level Rise Hazard Analysis (Task 1): Complete. Both the final Coastal Hazards, Vulnerability, and Risk Assessment and the Adaptation Plan are complete and were adopted by the City Council on October 1<sup>st</sup> 2018.
  - Sediment Management Plan (Task 2): Complete. The Final Sediment Management Plan has been completed and was approved by the City Council on October 1<sup>st</sup> 2018.
  - San Dieguito Lagoon Wetland Habitat Migration Assessment (Task 3): Complete. The final San Dieguito Lagoon Wetland Habitat Migration Assessment is complete and was adopted by the City Council on October 1<sup>st</sup> 2018.
  - Amendment Drafting (Task 4): Complete. Draft Land Use Plan Amendments were included in the Planning Commission hearing on 8/14/18 and Council on 9/4/18 and 9/17/18. The Draft Zoning Code Amendments were included in the Planning Commission hearing on 8/14/18; Council 10/1/18 and 10/15/18. Ordinance was introduced 10/15 with second reading/adoption on 10/29/18. CCC letter provided 9/28/18.
  - City Public Hearings (Task 5): Complete. All technical studies have been adopted by the Planning Commission and City Council.
  - Submit to CCC (Task 6): Complete. All technical studies have been adopted by the Planning Commission and City Council, and the LCP Amendment package has been submitted to the Commission in late October 2018. Certification is to commence outside the grant term.
- **Grant Term:** 12/20/2016 – 10/31/2018

**14) City of Imperial Beach – Grant Total \$225,000**

- **Project Summary:** The City of Imperial Beach will update its Local Coastal Program (LCP), with special emphasis on Climate Change and Sea Level Rise (SLR). The grant project will build on a number of local and regional efforts to understand and address sea level rise issues that are either completed or underway, including the San Diego Bay Sea Level Rise Adaptation Strategy and the Climate Understanding and Resilience in the River Valley Project. Grant work will include translation of SLR adaptation strategies into LCP policy language; a public outreach program consisting of workshops and regional collaboration efforts to inform the update process; Land Use Plan (LUP) and Implementation Plan (IP) updates to address sea level rise as well as other Coastal Act issues; and submittal of the LCP update for adoption and certification, with certification likely to occur outside the grant term.
- **Work Completed:**
  - Consultant Selection (Task 0): Complete. The City has selected its consultant.
  - Work Plan and Outline (Task 1): Complete. The Work Plan and Issues Analysis Report have been completed.
  - Updated Land Use Plan (Task 2): Complete. The City has completed an administrative and final draft of the LUP.

- Update LCP Implementation Plan (Task 3): Complete. The City completed a draft of its Implementation Plan in January 2019 that was reviewed by Commission Staff.
- Agency/Public Review (Task 4): In Progress. The City has continued to distribute draft LCP documents for agency and public review, including Commission staff. A final draft LUP was posted to the City's website in September 2019, while an IP tracking sheet and Climate Action Plan were also completed and posted online.
- Final Plan, Local Adoption, CCC Submittal and Certification (Task 5): In Progress. The City Council adopted the Final Negative Declaration, the Climate Action Plan (CAP), and Mobility Element on July 17, 2019. The other elements of the LUP and IP will be considered for Council adoption after Commission staff completes its review of the public review draft LCP.
- **Grant Term:** 2/24/2017 – 12/31/2019

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# Attachment C

## 8th Status Report on Round 4 Local Coastal Program Grants

*The following is a summary of the work completed under the seven Round 4 Local Coastal Program Grants awarded in August 2017 (listed from North to South) from October 1, 2017 through September 30, 2019. Funds spent up to September 30, 2019 total \$345,089.00 of \$546,685 awarded.*

### 1) County of Humboldt – Grant Total \$50,000

- **Project Summary:** The County will supplement its comprehensive update of the Humboldt Bay Area Plan (HBAP), which is currently underway through a Round 2 LCP grant, with the development of focused adaptation strategies to address sea level rise for some of the County's most vulnerable areas – the economically disadvantaged communities of King Salmon, Fields Landing, and Fairhaven/Finn Town. The County proposes to use the vulnerability assessments currently underway or completed as part of prior work, and to identify adaptation options to protect these vulnerable assets from, and help them adapt to, the impacts of sea level rise, by evaluating the timing and viability of the most appropriate options through stakeholder engagement and feasibility analysis.
- **Work Completed:**
  - Initiate a Collaborative Adaptive Capacity Building Process (Task 1): Complete. The County completed its Vulnerabilities, Risks, and Adaptive Capacity Report in November 2018.
  - Develop Adaptation Report (Task 2): In Progress. The County continues to work on its draft Adaptation Report and anticipates submitting a draft for review by Commission staff in early December.
  - Incorporate into Round 2 (Grant) LCP Humboldt Bay Area Plan Update (Task 3): In Progress. The County has continued with its efforts to incorporate findings from the Vulnerability Report under task 1 into an administrative draft LCP. Findings from the Adaptation Report prepared under task 2 are anticipated to be incorporated into the administrative draft LCP as well.
- **Grant Term:** 1/17/2018 – 12/31/2019

### 2) City of Trinidad – Grant Total \$51,000

- **Project Summary:** The City of Trinidad will update its Local Coastal Program by undertaking additional technical studies and updates that were identified in the City's prior LCP grant work (Round 2). The grant project includes development of a coastal erosion hazard management plan, specifically focusing on a landslide/slow creep near Edwards street and impacts on infrastructure and public access areas (particularly access to the Trinidad Lighthouse and Harbor area); a water supply assessment, which will assess potential water supplies for new areas

under City water services, while also considering the effects of climate change on such water supplies; and an update of portions of the implementation plan to ensure that the entire LCP can be internally consistent before submittal of the LCP for certification.

- **Work Completed:**
  - Coastal Erosion Hazard Management Plan (Task 1): In Progress. The City has continued with its assessment of coastal hazards and risks by examining existing geologic studies. The City has also created an outline and draft report focused on landslides, the preliminary hazard in the Trinidad area.
  - Water Supply Assessment (Task 2): In Progress. The City completed its Water Demand Assessment with Draft Service Area Map. The LCP policies are also currently being drafted and reviewed by City staff and the Planning Commission at public hearings.
  - Implementation Plan (Task 3): In Progress. The City has continued to review and discuss ordinances for inclusion in the LCP with Commission staff.
- **Grant Term:** 1/9/2018 – 12/31/2019

### 3) City of Fort Bragg – Grant Total \$100,000

- **Project Summary:** The City of Fort Bragg will develop a reuse plan and LCP Amendment for the 425-acre former Georgia-Pacific Lumber Mill site. The grant project includes a public visioning and issue identification task and development of an existing conditions and resources assessment, which will include a sea level rise vulnerability assessment, water supply analysis, and additional studies on energy use, conservation and transportation. The grant project will also result in an administrative and final draft LCP amendment.
- **Work Completed:**
  - Visioning and Community Workshops (Task 1): Complete. The City held two community open houses, conducted a Mill site reuse survey, and revised its visions statement based on community and City Council input.
  - Existing Conditions and Resource Reports (Task 2): In Progress. The City has developed drafts of its Sea Level Rise study, Build Out analysis, Utility analysis, Biological survey and Transportation study, with final drafts to be completed as necessary depending on changes to the Mill Site Land Use Plan and the release of SLR modelling later in the year. The City has also completed its Tsunami study, Lower Cost Visitor Serving Facilities Analysis and report, and Visual analysis.
  - Community-based Planning and Agency Consultation (Task 3): Ongoing. The City has completed the final draft of the Preferred Land Use Map and Key LCP Goals and Policies, with tribal consultation and Commission staff coordination ongoing. Over 27 joint City Council and Planning Commission workshops have been held regarding the LCP Amendment.
  - Refine Preferred Plan, Goals and Policy and LCP Outline into a Draft LCP Amendment (Task 4): Ongoing. The City has completed a draft of its Coastal General Plan (Land Use Plan), which has been reviewed by its Planning Commission and City Council, as well as Commission staff. A draft of the IP

is underway, while revisions to the LUP are ongoing in coordination with Commission staff.

- Prepare Final LCP Amendment (Task 5): In Progress. Revisions to the LUP are ongoing in coordination with Commission staff.
- **Grant Term:** 1/16/2018 – 12/31/2019

**4) City of Marina – Grant Total \$85,685**

- **Project Summary:** The City of Marina will comprehensively update its Local Coastal Program to address sustainable development, increased opportunities for coastal access and public recreation, and vulnerability to climate change and sea level rise. The City will develop a public outreach program to solicit public input on the LCP update. An existing conditions and Issues report will also be developed based on technical data, stakeholder input, and public workshops, which will be followed by the preparation of a vision, goals and objectives report that will guide the LCP update process. A sea level rise vulnerability assessment and adaptation plan will be developed that will analyze a variety of strategies to address sea level rise impacts.
- **Work Completed:**
  - Identify Stakeholders and Develop Outreach Plan (Task 1): Complete. The City commenced with developing a robust outreach program in August 2018 and has completed its Community Support Strategy. A list of stakeholders, property owners and interested parties has been developed as well, while content for the City’s social media platforms, LCP update webpage and newsletter has been uploaded and is being maintained along with a web-based community questionnaire that has been posted to the website for download.
  - Coordination with Coastal Commission Staff (Task 2): Ongoing.
  - Identifying Existing Conditions, Issues (Task 3): In Progress. The City completed a second revised draft of its Existing Conditions Report and SLR Vulnerability Assessment, which were posted to their website in July 2019. After Commission staff reviewed the second revised draft and provided comments, the City is working on the final Existing Conditions Report and SLR Vulnerability Assessment.
  - Establish Vision, Goals, and Objectives (Task 4): In Progress. The City completed a draft Vision, Goals, and Objections Report, which has been reviewed by its Planning Commission and City Council, as well as members of the public through public workshops. A final report is anticipated to be completed and presented at a fourth workshop in December 2019.
  - Prepare Adaptation Report (Task 5): In Progress. The City has completed its Draft Adaptation Report, which was sent to Commission Staff on July 25, 2019. Following Commission Staff comments, a final Adaptation Report will be prepared and presented at a fourth public workshop to be held in December 2019.
  - Develop Policies, Programs, and Implementation (Task 6): In Progress.
- **Grant Term:** 5/31/2018 – 12/31/2019

5) **City of Pismo Beach** – *Grant Total \$85,000*

- **Project Summary:** The City of Pismo Beach will update its Local Coastal Program in conjunction with its General Plan update. The grant project includes development of a short-term rental (STR) ordinance to address increasing non-permitted STRs and associated issues, including a LCP Amendment to incorporate the STR ordinance into the LCP; sea level rise modeling and evaluation, which includes analysis of vulnerabilities and development of a policy framework for implementation in future LCP updates; and policy development and an LCP Amendment for lower cost visitor serving accommodations, including public outreach, research, data collection, and studies to determine what constitutes lower cost accommodations.
- **Work Completed:**
  - Short-term Rental Ordinance (Task 1): Complete. Following the formation of a stakeholder task force, the City developed its draft and final short-term rental (STR) ordinance. In May 2018 the City Council considered and unanimously approved the STR ordinance, which was submitted for Commission staff review in June 2018 and adopted by the Commission in August 2018.
  - Sea Level Rise Modeling and Evaluation (Task 2): In Progress. The City completed an Administrative Draft SLR Vulnerability Assessment and submitted it to Commission Staff for review; draft policy recommendations for SLR adaptation are anticipated to be completed by year-end.
  - Low-cost Visitor Serving Accommodation Policy Development (Task 3): In Progress. The City has completed an administrative draft of its Low-Cost Visitor Serving Accommodation (LCVSA) Report, which Commission staff has now reviewed and provided comments on. The City continues to work on its draft policy development and a final LCVSA Report and policies are anticipated to be completed by early November 2019.
- **Grant Term:** 4/10/2018 – 12/31/2019

6) **City of Avalon** – *Grant Total \$75,000*

- **Project Summary:** The City of Avalon will complete a climate change vulnerability assessment that will inform the City’s LCP update through an LCP Amendment. The project will involve conducting a sea level rise vulnerability and risk assessment through wave modeling and run up analyses for various sea level rise scenarios. In addition, the City will carry out public outreach to solicit input on the vulnerability assessment. A targeted LCP amendment will then be undertaken to incorporate the key findings of the vulnerability assessment into the City’s existing LCP, including updated hazard maps, if feasible, and a program policy to conduct future adaptation planning and to develop a comprehensive LCP amendment on sea level rise.
- **Work Completed:**
  - Project Launch (Task 1): Complete. The City has selected its consultant and held a kick-off meeting in July and August 2018. The community engagement plan and schedule has also been completed.
  - Assessment Preparation (Task 2): In Progress. The City has completed its Hazard Analysis, including preparation of sea level rise hazard maps, as well as a coastal resources database. The City has also completed a draft



Vulnerability Assessment, which was submitted to Commission Staff in August 2019. The City is now working on addressing Commission Staff comments in order to prepare a finalized report.

- Targeted LCP Amendment (Task 3): In Progress. The City has continued working on its preparation of a targeted LCP amendment.
- **Grant Term:** 1/8/2018 – 12/31/2019

7) **City of San Diego** – *Grant Total \$100,000*

- **Project Summary:** The City of San Diego will prepare a sea level rise vulnerability assessment and associated technical studies and public outreach. To prepare the vulnerability assessment, the City will use the Coastal Storm Modeling System (CoSMoS 3.0) for Southern California to analyze at least three (3) sea-level rise scenarios, including, where appropriate, additional flooding impact from a 100-year storm event. Associated technical studies, such as a coastal erosion assessment, will be performed to inform the sea level rise vulnerability assessment. The grant project also includes extensive public outreach to garner public input on the development of major deliverables and regional coordination with climate change groups to share expertise and advance adaptation measures that address local hazards.
- **Work Completed:**
  - Technical Studies (Task 1): Complete. The City has completed its Coastal Erosion Assessment by visually inspecting and documenting coastal erosion at 71 sites.
  - Vulnerability Assessment (Task 2): In Progress. The City completed its Final Draft SLR Vulnerability Assessment, Draft SLR Hazards Map and Draft SLR LCP Policies. Commission Staff review of the final Vulnerability Assessment is anticipated to occur in November 2019.
  - Public Outreach & Coordination (Task 3): In Progress. The City is planning its second public workshop for Fall 2019 following the completion of its final SLR Vulnerability Assessment. The City has also maintained coordination with the San Diego Regional Climate Collaborative.
- **Grant Term:** 1/12/2018 – 12/31/2019

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# Attachment D

## 2<sup>nd</sup> Status Report on Round 5 Local Coastal Program Grants

*The following is a summary of the work completed through September 30, 2019 under the five Round 5 Local Coastal Program Grants awarded in November 2018 (listed from North to South). Funds spent through September 30, 2019 total \$96,970.98 of \$750,000 awarded.*

### 1) City of Arcata – Grant Total \$75,000

- **Project Summary:** The City of Arcata will complete a comprehensive update to the City’s Local Coastal Program (LCP) to address climate change and sea level rise. The grant project will include public outreach activities targeting vulnerable communities and revisions to the draft Land Use Plan (LUP) and draft Implementation Plan (IP), both of which were prepared under the City’s Round 1 LCP Grant. The LCP update will include measured retreat strategies and measures to address the root causes of climate change, establishing thresholds and incentives for high efficiency developments that reduce greenhouse gas emissions. The City will adopt the LCP and submit to the Commission for certification within the grant term.
- **Work Completed:**
  - Public Engagement (Task 1): *In Progress*. Completed contract with facilitator to assist with public engagement; held workshops on future housing needs in September, and conducted an additional meeting in Spanish in October; started youth and parent outreach with Pacific Union’s District-level English Learner Advisory Committee, Arcata Elementary, and Arcata High School engagement.
  - Land Use Plan (Task 2): *In Progress*. Completed contract with consultant and LUP review and revisions have begun.
  - Implementation Plan (Task 3): *In Progress*. Completed contract with consultant and IP review and revisions have begun.
- **Grant Term:** 4/17/2019 – 12/31/2020

### 2) County of Sonoma – Grant Total \$175,000

- **Project Summary:** The County of Sonoma will complete a comprehensive update to its Local Coastal Program (LCP) which will integrate the County’s 2016 Hazard Mitigation Plan and address the Commission’s 2018 Sea Level Rise Policy Guidance. The update will establish innovative policies and programs for watershed and forestry management and consider opportunities to reduce vehicle miles traveled. Additional goals of this update are to improve land use/zoning naming consistency; clarify design requirements and thresholds for modern uses such as vacation rentals, events, and cannabis; and to create an easy-to-access electronic document with updated and improved maps. The project includes a robust public outreach plan with multiple

public workshops and opportunities for the public to be involved. The County will adopt the LCP and submit to the Commission for certification within the grant term.

- **Work Completed:**
  - Plan Development and Policy Comparison (Task 1): *In Progress*. The Public Review Draft was published on 9/25/2019, and additional changes are being incorporated in the Planning Commission, Board and Commission drafts; The Policy Comparison tables for the Public Review Draft were published with the Draft Plan on 9/25/2019.
  - Stakeholder Engagement (Task 2): *In Progress*. Project outreach materials are still being compiled. The County's Local Coastal Program Website has been updated to provide a more cohesive introduction to the project and Sonoma County Coast. Public outreach materials are being revised to account for recent draft policy changes. The photo contest is complete, and the winners were announced August 5<sup>th</sup>. The four planned public workshops were delayed accommodating emergency fire operations and were rescheduled for November 2019.
  - Adoption and Certification (Task 3): *In Progress*. Drafting of presentation materials is ongoing, and presentations to Planning Commission hearings were delayed accommodating emergency fire operations. Planning Commission hearings to review the drafts have been delayed as well (until February 2020) to accommodate public request.
- **Grant Term:** 3/21/2019 – 3/28/2020

### 3) City of Santa Cruz – Grant Total \$200,000

- **Project Summary:** The City of Santa Cruz will complete an Urban Climate Adaptation Policy Implication and Response Strategy Evaluation Technical Report, an Adaptation Plan and a Local Coastal Program (LCP) Update. To do this, the City will continue analyses of sea level rise adaptation strategy and policy options; conduct extensive public outreach and engagement, including development of an Engagement Plan and leveraging of a Sea Level Rise Virtual Reality Mobile Phone Application; develop recommended adaptation strategies and policies, and develop a LCP amendment focused on sea level rise. The City will adopt the LCP amendment and submit to the Commission for certification (certification to occur outside the grant term).
- **Work Completed:**
  - Project Management, Administration, and Coordination (Task 1): *Ongoing*. Initiated Project Advisory Group (PAG) meetings.
  - Urban Climate Adaptation Policy Implication and Response Strategy Evaluation (Task 2): *In Progress*. The City held Beach Resource and Management Goals meetings with consultants and interns documenting water-based and land-based coastal uses daily; Developed outline of methodology with consultants for the Socially Vulnerable Populations Impact Analysis.
  - Community Engagement (Task 3): *In Progress*. Began implementation of the City's Outreach and Engagement Plan, including: updating plan with outreach schedule; completing seven outreach events/talks and eight focus groups completed as part of partnership with UCSC Coastal Science & Policy Grad

Program; and conducting Beach Flats/Lower Ocean door to door outreach in development with San Jose State Env Studies Grad Program. The City also received the American Geophysicist's Union grant awarded to expand the VR to city library branches as a "VR experience" activity.

- LCP Adaptation Policy Guidance (Task 4): *Not Started*.
- LCP Update (Task 5): *Not Started*.
- **Grant Term:** 4/3/2019 – 12/31/2020

4) **City of Manhattan Beach** – *Grant Total \$225,000*

- **Project Summary:** The City of Manhattan Beach will complete a Sea Level Rise Vulnerability Assessment, Adaptation Plan, and other technical studies as part of its Local Coastal Program (LCP) Update. The City will also conduct public outreach and complete the local adoption process, with Commission certification to occur outside the grant term.
- **Work Completed:**
  - Project Initiation (Task 1): *In Progress*. The City issued an RFP for consultant selection, which closed in late October and will complete RFP reviews with CCC staff and relevant City departments in the next quarter (with contracting anticipated to be completed in Nov-Dec 2019). The City's project webpage development is in process and the City anticipates it will be launched before the end of 2019.
  - Sea Level Rise Vulnerability and Risk Assessment (Task 2): *In Progress*. The City completed its existing conditions research and submitted a SLR memo to CCC staff in late July that identifies key issues to analyze in the Vulnerability Assessment, and revised their maps per CCC comments; the remaining work is reliant on contracting the Consultant.
  - Sea Level Rise Adaptation Plan (Task 3): *In Progress*. Under Task 2, the City issued the SLR memo in late July that included some of the SLR Adaptation research completed to date.
  - Develop LCP LUP Language (Task 4): *Not Started*.
  - Public Process and Outreach (Task 5): *In Progress*. The City is executing contracts with Climate Access and WhitespaceVR for Virtual Reality and public engagement tools on SLR.
  - Agency and Regional Coordination (Task 6): *Ongoing*. Met with District CCC staff on 9/25/19.
- **Grant Term:** 3/11/2019 – 12/31/2020

5) **City of San Clemente** – *Grant Total \$75,000*

- **Project Summary:** The City of San Clemente will prepare an Adaptation Plan (called the Coastal Resiliency Plan), as well as its first Implementation Plan in order to achieve full Local Coastal Program (LCP) certification. Development of a Coastal Resiliency Plan will help the City to address the impacts of climate change and will build on the findings and recommendations contained in the Sea Level Rise Vulnerability Assessment (SLR VA) prepared under the City's Round 3 LCP Grant. The grant project will also include public outreach and education with a special emphasis to reach disadvantaged and low-income populations in the City.

- **Work Completed:**
  - Coastal Resiliency Plan (Task 1): *In Progress*. Draft Coastal Resiliency Plan is in development. Findings and recommendations, and public comments on the SLR VA prepared under a Round 3 Grant are being incorporated into the Draft Coastal Resiliency Plan. Public outreach on the draft Coastal Resiliency Plan was initiated in August 2019 as part of the Draft SLR VA outreach effort. Meetings held by the Planning Commission and Coastal Advisory Committee in August included information on the purpose, contents and schedule for the Coastal Resiliency Plan.
  - LCP Implementation Plan (Task 2): *In Progress*. The City's Administrative Draft IP is underway, with City and Commission Staff discussing modifications. Public outreach on draft IP was initiated in August 2019 as part of the Draft SLR VA outreach effort. The Planning Commission and Coastal Advisory Committee August meetings also included information on the purpose, contents and schedule for the IP.
- **Grant Term:** 3/20/2019 – 12/31/2020