

**CALIFORNIA COASTAL COMMISSION**

45 FREMONT, SUITE 2000  
SAN FRANCISCO, CA 94105-2219  
VOICE (415) 904-5200  
FAX (415) 904-5400  
TDD (415) 597-5885

**W6a**

March 5, 2018

TO: California Coastal Commission and Interested Parties

FROM: John Ainsworth, Executive Director

SUBJECT: Executive Director's Report, March 2018

---

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

**LCP Program Status – Ventura County (SP Goal 4)**

Ventura County comprises about 85 miles of shoreline. This includes two Channel Islands, Anacapa island (part of the Channel Islands National Park) and San Nicolas island (military lands). The coastal zone area totals approximately 78 square miles of the County's 2208 square miles of total land area and contains the County of Ventura and 3 incorporated cities: the Cities of Ventura, Oxnard and Port Hueneme. Also, the area contains one of the 4 major Ports identified in Chapter 8 of the Coastal Act: the Port of Hueneme (Oxnard Harbor District), the only deep water harbor between Los Angeles and the San Francisco Bay.

The County includes beach communities and state beaches and parks that provide significant access and recreation, agricultural resources of the Oxnard plain, the Ventura and Santa Clara River estuaries, Mugu Lagoon (one of the largest remaining salt marshes in southern California), Ormond Beach wetland complex (subject of an extensive wetland restoration project sponsored by the Coastal Conservancy), recreational harbors at Ventura Harbor and Channel Islands Harbor, and military lands. South of Point Mugu and portions of the resources of the Santa Monica Mountains

All jurisdictions in this area have LCPs certified in the early to mid-1980s. The Ventura County LCP was certified in October 1983, the City of Ventura in February 1984, the City of Oxnard in April 1985 and City of Port Hueneme in November 1984. The Port Master Plan for the Port of Hueneme was approved in May 1979. A Public Works Plan for Channel Islands Harbor was approved in September 1986.

LCP update planning is underway in this area. A phased update is currently underway for the Ventura County LCP, with the first portion of the update certified in 2013, and the second portion of the update certified in 2017. In addition, an update of the environmentally sensitive habitat policies and provisions is underway and expected to be submitted to the Commission in 2018. Further, the County of Ventura was awarded a Coastal Commission Local Assistance grant of \$225,000 in August 2016 to complete a sea level rise vulnerability assessment and a standalone adaptation plan that includes an economic/fiscal impacts study of sea level rise hazards and various adaptation options. This information will be used to update relevant LUP policies and will be integrated with the ongoing work to update the County's LCP. The County's draft sea level rise vulnerability assessment will be available for review and comment within the next few weeks. Portions of the City of Ventura LCP in the Downtown and Midtown areas were updated in 2011. The cities of Oxnard and Pt. Hueneme have not been comprehensively updated since certification, but a comprehensive update that will be primarily focused on addressing climate change and sea level rise, is underway in the City of Oxnard for which the City initially received an LCP Update grant of \$150,000 (including an \$110,000 grant directly from the Commission and a \$40,000 grant from OPC to be administered

by the Commission) in June 2015. Due to additional funding made available from the OPC, the City is receiving an extra \$25,000 to continue its LCP update and anticipates completing its grant project by early 2019 with the submittal of a locally-adopted LCP.



## **Meetings and Events:**

### **Environmental Justice - Staff Training (SP 7.7)**

On Monday, February 12th the staff from the San Francisco headquarters and Central Coast district office participated in an all-day environmental justice training. This was a second in a series of staff trainings conducted by five trainers from Cal EPA, the Office of Environmental Health Hazard Assessment and Cal Recycle who discussed the history and principles of EJ, key legislation, case studies and best practices for outreach. They demonstrated how to use mapping and screening tools such as CalEnviroScreen to identify vulnerable communities and assess population characteristics. The trainers also talked at length about outreach and communication techniques and applications in the Commission's work. A third environmental justice staff training is planned for the southern Commission District offices in the near future.

## **Staff Leadership and Communications Training (SP 7.7)**

On February 26<sup>th</sup> – 27<sup>th</sup> and March 1<sup>st</sup> - 2<sup>nd</sup> we continued our all staff two-day training program on leadership and communications for the Commission's South Coast and San Diego District offices. Developing strong agency leaders and the ability to effectively communicate both internally and externally are important elements for the success of the agency going forward.

## **Federal Budget – Elimination of Coastal Zone Management Grants in the FY 2019 President's Budget.**

The FY 2019 President's Budget was released on February 12, 2018 and proposes to eliminate federal funding for Coastal Zone Management (CZM) Grants to states in the budget for the National Oceanic and Atmospheric Administration (NOAA). The FY 2019 budget repeats the President's proposal from FY 2018 to eliminate all funding for states' coastal management programs. The FY 2018 federal budget has not been finalized, but both the House and Senate appropriations committees restored funding for CZM Grants in NOAA's budget – the Senate provided \$70 million (the same funding as FY 2017) while the House only provided \$45 million. It is anticipated that these different funding marks will be reconciled and a FY 2018 Omnibus Appropriations bill will be passed before the current Continuing Resolution funding the federal government expires March 23, 2018.

Commission staff are now working with Congressional offices to share our concerns about the elimination of federal funding for this program and other partner programs where federal funding is proposed to be eliminated like the National Estuarine Research Reserves and Sea Grant in the FY 2019 budget (see Commission Correspondence (W6b.) for a copy of a letter sent to the California Congressional Delegation from the three Chairs of the CZM state agencies on March 2, 2018 regarding federal funding concerns and opposition to including California's offshore waters in the 2019-2024 Draft Proposed National Oil and Gas Leasing Program).

In addition, the Commission's Executive Director and Federal Programs Manager, Michelle Jespersen, will be traveling to Washington, DC March 19 – 23 to participate in national meetings with other coastal states to discuss federal funding and other issues of importance to coastal states. These meetings will also include a day of meetings with California Congressional Representatives and/or Congressional office staff members. For the Congressional meetings, Commission staff will be accompanied by representatives from the San Francisco Bay Conservation and Development Commission (Executive Director and Chief Deputy), the State Coastal Conservancy (Chief Deputy) and Reserve Managers for California's three National Estuarine Research Reserves.

## **LCP Grant Status Reports (SP 4.1 & 4.2)**

The Commission currently funds 29 local jurisdictions through four rounds of LCP Grant funding. Many of the Round 2 LCP grant programs are now complete or are nearing completion, with a significant amount of sea level rise technical work completed, as well as LCP policy development and public outreach (see **Attachment A** for a status report on Round 2 LCP Grants). For Round 3, all fourteen LCP grant programs have been executed and are now fully underway (see **Attachment B** for a status report on Round 3 LCP Grants). For Round 4, five of the seven LCP grant work programs have been executed (see **Attachment C** for a status report on Round 4 LCP Grants).

## **14th annual Oceans Day in Sacramento**

February 20 was the 14th annual Oceans Day in Sacramento. More than 100 coastal advocates came from around the state, including a group from Oxnard who boarded a bus at midnight and drove all night, to spend the day meeting with Legislators and their staff about coast and ocean issues. Commissioner Aminzadeh delivered some inspiring remarks to the group in the morning, emphasizing the importance of coastal environmental justice and equity. Participation by Latinos Marinos and Native American representatives was really impressive, with more than 60 members attending this year. Marce Gutierrez with Azul has been organizing this effort for the last few years, and she has really done a remarkable job. I spent the day with our Legislative Director, Sarah Christie, meeting with coastal legislators and their staff. We capped the day off at the now-legendary sustainable seafood reception sponsored by the Monterey Bay Aquarium. It's always uplifting to see so many committed volunteers willing to get involved in the legislative process, and I really want to thank all of them as well as the organizers and sponsors of this event.

# ATTACHMENTS

**CALIFORNIA COASTAL COMMISSION**

45 FREMONT STREET, SUITE 2000  
SAN FRANCISCO, CA 94105- 2219  
VOICE (415) 904- 5200  
FAX (415) 904- 5400  
TDD (415) 597-5885



## **Attachment A**

### **10<sup>th</sup> Status Report on Round 2 Local Coastal Program Grants**

*The following is a summary of the work completed under the 13 Local Coastal Program Grant agreements (listed from North to South) awarded in Fiscal Year 2014-2015 from April 1, 2015 through December 31, 2017. Funds spent up to December 31, 2017 total \$1,676,893.98 of \$2,015,750.00 awarded.*

#### **1) Humboldt County – Grant Total \$149,346.21**

- **Project Summary:** Humboldt County will complete a comprehensive update of the Humboldt Bay Area Plan, which was certified in 1982 and governs the use of approximately 21,500 acres of land around Humboldt Bay and over 20 miles of Pacific coastline. The Local Coastal Program (LCP) update includes regional coordination with the Cities of Eureka and Arcata (two local governments that hold jurisdiction within the Humboldt Bay Coastal Zone and are in the process of updating their own LCPs), establishing baseline environmental and community conditions, completing a sea level rise risk assessment, and directing policy initiatives to give priority protection for coastal-dependent land uses. The grant will also support Humboldt Bay-wide tsunami safety planning and foster public engagement.
- **Work Completed:** The County has continued to coordinate closely with local planning groups and regional stakeholders such as the Humboldt Bay Sea Level Rise Adaptation Planning Working Group and with the Cities of Eureka and Arcata (Task 1). The Humboldt Bay Area Vulnerability Assessment has also been prepared and has now been posted to the County's website (Task 2). The County also continues to update the baseline conditions by editing the background portions of the Humboldt Bay Area Plan (Task 2). In preparation of developing SLR policy options (Task 4), the County continues to review the Commission's SLR policy guidance and has coordinated with its public works department to obtain input on risk assessment approaches related to hazard mapping. Public outreach has also been maintained through an informational website displaying the LCP update process for community members and interested parties. For Humboldt Bay-wide tsunami safety planning (Task 3), the County has continued to coordinate with the National Oceanic and Atmospheric Administration regarding Tsunami Ready Status for unincorporated communities in Humboldt County, as well as meeting with regional agencies and stakeholders to discuss new tsunami mapping techniques and modelling. Lastly, the County is working with Commission staff to amend its grant agreement to incorporate additional grant funding made available from unspent OPC grant funds.
- **Grant Term:** April 27, 2015 – December 31, 2018

2) **City of Trinidad** – *Grant Total \$80,000*

- **Project Summary:** The City of Trinidad will complete a comprehensive update of its Local Coastal Program (LCP) to address climate change and current community conditions. The grant project includes: certification of the Trinidad Harbor Area of Deferred Certification; development of a cultural resources element of the Land Use Plan, with an emphasis on the Tsurai Study Area, and incorporation of policies and recommendations of the Tsurai Management Plan; integration of policies and adaptation measures to address the impacts of climate change, and in particular sea level rise; coordination and consultation with Coastal Commission staff and other stakeholders; revision of the Implementation Plan; and adoption and certification of the LCP.
- **Work Completed:** The City of Trinidad has continued coordinating with targeted stakeholders over the LCP update process, including through public informational sessions and regular updates to the Planning Commission and the City Council (Task 1). As part of the City's Climate Change planning efforts (Task 2), a draft and final Climate Change Vulnerability Report has been completed and made available to the public. The City continues to work on identifying where Climate Change is already addressed in the LCP and is drafting additional policies and recommendations based on the Vulnerability Report to incorporate into the LCP (Task 2). The City has also completed and submitted a draft of its Needs Assessment for the Implementation Plan (Task 3), while consultation with Tribal entities for the purpose of incorporating the Tsurai Management Plan into the LCP continues (Task 4). The City has also coordinated with relevant stakeholders in the development of policies and regulations for the Trinidad Harbor Area of Deferred Certification, with a stakeholder contact list developed and research on Tribal Trust transfer issues drafted (Task 5). For its work on updating the LCP (Task 6), the City continues to update individual LCP policies, including policies related to public access and recreation.
- **Grant Term:** April 13, 2015 – October 31, 2018

3) **City and County of San Francisco** – *Grant Total \$125,436.90*

- **Project Summary:** The City and County of San Francisco will amend its Local Coastal Program (LCP) to reflect the Ocean Beach Master Plan (2012), as well as add more general policies to address sea level rise adaptation. LCP policies will be based on best available science, including the Federal Emergency Management Agency and San Francisco Public Utilities Commission sea level rise and coastal flood hazard studies and adopted guidance from the National Research Council and Coastal Commission. The LCP Amendment includes an extensive public outreach component, a review of existing data and assessments on sea level rise (SLR), policy development, and submittal of the LCP Amendment to the Coastal Commission.
- **Work Completed:** The City and County of San Francisco has completed its grant project and is preparing to submit the LCP Amendment to the Commission following local adoption in January 2018. Under the LCP Grant project, the City and County completed its Public and Agency Engagement Plan (Task 1), including the engagement vision, goals, and objectives, which included establishing communication and public participation programs to be implemented by the City and County during the LCP Amendment process, while also representing a continuation

of the Ocean Beach Master Plan's multi-stakeholder engagement process. The City and County also completed a final draft of the Existing Data and Analysis summary, including technical LCP appendices (Task 2). In collaboration with FEMA, the City and County also obtained data and maps for its completed FEMA Open Coast SLR Pilot Study. After working through numerous drafts of policy language, the City and County finalized its LCP Amendment and submitted it to the Planning Commission and Board of Supervisors in late December 2017 and January 2018 for local adoption (Task 3 and Task 4).

- **Grant Term:** May 1, 2015 - December 31, 2017

**4) City of Monterey – Grant Total \$234,620.68**

- **Project Summary:** The City of Monterey will prepare a new Local Coastal Program (LCP) that consolidates five coastal planning subareas – Cannery Row, Harbor, Del Monte Beach, Skyline and Laguna Grande – into one LCP for the City. The grant project includes a public outreach program; an existing conditions and issues assessment encompassing risks from sea level rise, tsunamis, flooding, and fire; development of LCP visions and goals; and the preparation of the draft LCP. The final, locally-adopted LCP, including its submittal to the Coastal Commission, will occur outside of the grant term.
- **Work Completed:** The City has completed its grant project with the completion of a draft LCP. As part of the City's robust outreach program during the LCP grant project (Task 2), the City of Monterey created a web page, an email notification list, a social media platform, newsletter template, and web-based community questionnaire. The City also held informational sessions as needed with the City's Planning Commission and City Council to discuss the LCP planning process. Numerous public workshops have also been held with topics centering on the LCP planning process, shoreline and intertidal importance, Sea Level Rise (SLR) impacts, and alternative adaptation strategies to address SLR (Task 2). The City also completed its Existing Conditions Report (Task 3) following its compilation of land use and infrastructure data, setting SLR projection ranges for its planning area, and identifying potential physical SLR impacts and risks to coastal resources. The key findings of the Existing Conditions Report include the following findings: that coastal hazards with five feet of SLR pose a greater risk to the City than a FEMA mapped 500 year storm event; that coastal flooding poses the largest vulnerability to public transportation in the City; and that most existing hazardous material storage areas are located in the harbor and are associated with coastal dependent uses. The City has also completed its Vision, Goals and Objectives Report (Task 4) to represent the community's general direction on LCP planning topics. The Alternatives Report (Task 5) has also been completed and includes alternative LCP policies, including adaptation measures, to address Climate Change. The City also completed an administrative draft LCP Outline, a draft Land Use Plan and a Public Review Draft LCP (Task 6). The final, locally-adopted LCP, including its submittal to the Coastal Commission for certification will occur outside the grant term.
- **Grant Term:** May 1, 2015 – January 31, 2018



**5) City of Morro Bay – Grant Total \$147,000**

- **Project Summary:** The City of Morro Bay will complete a comprehensive update of its Local Coastal Program (LCP) and General Plan in accordance with the California Coastal Act and the City's Goals of 2013. The project's primary objective is to provide an updated Land Use Plan (LUP) and Implementation Plan (IP), which will result in a comprehensively updated LCP. The grant project will build off a sea level rise project funded by the Ocean Protection Council (OPC) and includes public engagement; a climate change vulnerability assessment; an issues, opportunities, and constraints study; LUP and IP updates; and certification of the LCP update.
- **Work Completed:** The City has continued with its outreach and regional coordination efforts to support LCP policy development, including bi-monthly meetings with Commission staff (Task 1) and GPAC meetings to solicit input from intergovernmental stakeholders, as well as the public (Task 2 and Task 3). Recently, such meetings included discussion of the draft Plan Morro Bay, as well as the City's Zoning Code update. For the City's SLR Vulnerability Assessment funded by the OPC (Task 4), the City completed its identification of existing coastal conditions; prepared an inventory of infrastructure and systems potentially affected by SLR; identified SLR scenarios and modeled cumulative effects; and analyzed SLR vulnerability. To complete this task, the City still has to identify an appropriate adaptation policy framework and continue with project-specific collaboration and outreach. The City has also completed its Issues, Opportunities, and Constraints Study (Task 5), with its SLR analysis incorporated as Chapter 3.0 and Appendices A and B of the Community Baseline Assessment (CBA). SLR analysis has also been incorporated throughout the Community Vulnerability and Resilience Assessment (CVRA). The City has also conducted its economic and market analysis, which is included as Chapter 5.0 of the CBA and is integrated throughout the CVRA. For its evaluation efforts pertaining to developing a strategy to create the LCP/GP (Task 6), the City has drafted the key issues and policies report, as well as a draft land use map and land use designations. The City has also commenced with its consistency analysis between existing General Plan land use classifications and zoning districts as part of its preparation of the Land Use Plan, with land use alternatives completed and an administrative draft of the LUP submitted to the City Council for review in September 2017 and the Commission in January 2018 (Task 7). The City has also continued working on its Implementing Ordinances (Task 8), with the draft administrative provisions of the Zoning Code undergoing internal review by City staff during this past quarter.
- **Grant Term:** June 1, 2015 - April 30, 2019

**6) County of Santa Barbara – Grant Total \$183,000**

- **Project Summary:** The County of Santa Barbara will complete an amendment to its LCP to identify and plan for mitigation of potential coastal hazards associated with climate change. The project is comprised of two phases, with the first phase including a coastal hazard modeling and vulnerability assessment based on two regional databases that the County will compile. The second phase includes the development of a Coastal Hazard Adaptation Plan and the LCP amendment.

- Work Completed:** The County has completed its grant project with the completion of the final, grant-funded task: the Draft LCP Amendment (Task 10). Under the grant term, the County initiated its grant project by holding a kick-off meeting (Task 1) and by holding four stakeholder modeling and mapping meetings between August 2015 and September 2016 (Task 2). In completing the regional resource database (Task 3), the County collected a variety of information that was digitized into ArcGIS data, including data on demographics, critical infrastructure, coastal habitats, and economic data related to potential future property loss and building damage estimates. An update to the County's Policy and Planning Tool Database (Task 4) was also completed so that each jurisdiction within the County can screen and rank policies and tools based on criteria that measure governmental support, scale of area impacted, timing and cost of implementation, flexibility, and the available policy framework for coastal hazard planning activities. The County has also completed modeling and mapping coastal hazards for climate scenarios (Task 5) by developing a backshore characterization inventory that includes the parameters necessary to drive the coastal hazards model; collecting data on erosion rates based on the geology of the shoreline; combining the updated coastal armoring database with LIDAR elevations of armored structures; modeling wave transformations; and mapping coastal hazards with and without armoring. A technical method report on the Task 5 Modelling and Mapping of Multiple Coastal hazards has now been updated to include phase II methodology and information, with the Final Technical Report submitted to the County Board of Supervisors in September 2016. For its analysis of the social, economic, and ecological conditions (Task 6) through the mapping application produced in Task 5, the County also completed mapping habitat data with different SLR scenarios and Census block demographic data combined with economic data. These maps are included within the Coastal Hazard Vulnerability Assessment (Task 7), in which the County completed its review of the Multi-Jurisdictional Hazard Plan, the City of Santa Barbara's Sea Level Rise Vulnerability Assessment, and other documents that include information on historical vulnerability and damage from coastal hazards. The final Vulnerability Assessment was submitted to Commission staff in December 2016. The County also held numerous workshops to discuss new and existing coastal hazard policies and adaptation strategies with the public (Task 8), with the report on Stakeholder Input integrated within the Vulnerability Assessment. The County also completed its draft LUP Amendment (Task 9) having completed its review of regional coastal development and adaptation strategies (of the County's current LCP) in conjunction with the Commission's Sea Level Rise Policy Guidance document. The draft LUP was submitted to Commission staff in November 2016, with a revised draft LUP resubmitted in June 2017, along with an initial draft IP (Task 10). The draft LCP Amendment package is now being finalized while the County undergoes environmental review (Task 11) and local adoption (Task 12), both of which are not funded under the grant project.
- Grant Term:** June 18, 2015 – December 31, 2017

7) **City of Oxnard** – *Grant Total \$174,346.21*

- **Project Summary:** The City of Oxnard will complete a comprehensive update to its Local Coastal Program (LCP). The grant project consists of interagency coordination and public involvement, the development of a Sea Level Rise (SLR) Analysis and Adaptation Policies Report, and an update to the Land Use Plan and Implementation Plan.
- **Work Completed:** The City of Oxnard continued with its regional coordination and public outreach efforts (Task 1) by discussing the results of the recently completed vulnerability assessment and Adaptation Strategy Report (Task 2) with members of the public as well as the Agency Stakeholder Committee (ASC) and Technical Advisory Committee (TAC). Administrative drafts for each LCP Planning Area have also been completed and were submitted to the Commission in May 2017 (Task 3). Commission staff provided comments on these administrative drafts in July 2017 and the City is now incorporating its revisions and anticipates completing a full draft LUP (Task 5) by May 2018. The City has also completed the Adaptation Strategy Report (Task 4) and is discussing revisions internally based on Commission staff comments. The City also continues to work with the County Harbor Department in regards to Harbor development that will require both a Public Works Plan amendment and a City LCP amendment. The City has also coordinated with Coastal Commission Staff regarding the City's moratorium on new power plants, and with the Coastal Conservancy regarding the cleanup of Ormond Beach. Lastly, the County is working with Commission staff to amend its grant agreement to incorporate additional grant funding made available from unspent OPC grant funds.
- **Grant Term:** June 1, 2015 – March 1, 2019

8) **City of Santa Monica** – *Grant Total \$225,000*

- **Project Summary:** The City of Santa Monica will produce a revised Land Use Plan to reflect the latest data and research in regard to coastal issues, including the impacts associated with climate change, and will incorporate multi-modal transportation policies of the City and of regional agencies. The project includes identifying and updating relevant LUP policies, community engagement, developing an implementation plan outline, assessing climate change vulnerability, and developing policies to address potential threats from sea level rise (SLR) and climate change. In conjunction with the LUP update under this grant project, the City will complete its Implementation Plan under a separate grant awarded by the Coastal Commission in August 2016.
- **Work Completed:** The City of Santa Monica has prepared a detailed scope of work as part of its Project Initiation task (Task 1). The City has also completed its data gathering, research and analysis of key issue areas (Task 2) by reviewing adopted plans in the City's coastal zone, evaluating current coastal transportation investments and future budgeted capital improvements, and preparing an LUP outline and memo identifying LUP areas of revision. A project website has also been created as part of the City's community outreach efforts (Task 3), while outreach meetings with neighborhood, civic, and business organizations have been held as part of the City's Phase I outreach efforts, which are now complete (Task 3). Outreach under the second phase of the grant project coincides with the development of the draft LUP

and will include three outreach activities on the topics of SLR, transportation, access to the beach area, and endangered species protection. The City has also completed its draft LUP update and released the public review draft LUP in January 2018 (Task 4 and Task 5). Revisions to the draft LUP are pending submittal of public comments by March 2018.

- **Grant Term:** April 13, 2015 – July 31, 2018

**9) City of Los Angeles – Grant Total \$250,000**

- **Project Summary:** The City of Los Angeles will prepare an update to the certified Venice Segment Land Use Plan (LUP) based on work completed as part of a grant that the City received from the Coastal Commission in fiscal year 2013-14 (Round 1). The grant project consists of updating the Land Use Plan (LUP) and preparing a draft outline for the Implementation Plan (IP), as well as public outreach and the preparation of a sea level rise (SLR) vulnerability assessment for the Venice segment.
- **Work Completed:** The City of Los Angeles initiated its grant project by developing and maintaining a project website that is updated periodically with public outreach announcements and background information on Venice (Task 1). A first public workshop was completed in August 2016 on the policy objectives of the Venice LCP and on sea level rise. More recently, a public workshop on the City's preparation of a draft Vulnerability Assessment was held in November 2017 (Task 1). The City has also continued holding LCP Technical Advisory Group (TAG) meetings, as well as regional coordination through the Adapt LA project (Task 1). For the Venice LUP update (Task 2), the City has completed a SLR scope of work, a policy matrix and draft chapters on Planning and Land Use, Environmental Sensitive Habitat Areas, Water Quality Protection, and Public Access and Recreation (Task 2). The City has also recently completed a draft of the Venice segment Vulnerability Assessment, which is undergoing additional revisions following Commission staff review. The draft report provides a summary of the available SLR hazards models and provides the justification for the models and SLR scenarios selected, as well as preliminary SLR maps incorporating data from the City's coastal resource database. For work related to the Implementation Plan outline (Task 3), the City has commenced with identifying the structure and organization of the IP by meeting with the City's Code Studies Division to determine how the IP can leverage the new zoning layout that will be created from a separately funded effort. An organizational component of the IP, titled the Coastal Context, has been developed that can house process and procedures, coastal related development standards, and other planning and zoning for all coastal segments within Los Angeles.
- **Grant Term:** June 29, 2015 - April 30, 2019

**10) City of Newport Beach – Grant Total \$67,000**

- **Project Summary:** The City of Newport Beach will complete the certification phase of its Local Coastal Program Implementation Plan as part of the second phase of the City's LCP work. Phase I began in 2012, and involved the formation of a General Plan/Local Coastal Program Implementation Committee to provide oversight and direction to City staff and the preparation of the Administrative Draft Implementation Plan. Phase II involves community outreach, continued coordination with Coastal

Commission staff, local public hearings, and submittal of the Implementation Plan to the Coastal Commission.

- **Work Completed:** The City has completed its grant project and has a certified LCP as of January 30, 2017. Task 1 (Community Outreach) included the completion of the City's Public Review Draft of the Implementation Plan (IP) and its posting on the City's website and mailing to community members and civic organizations. As part of these outreach efforts (Task 1), the City also conducted a series of community workshops in which the Public Review Draft was exhibited and explained. Planning Commission and City Council Study sessions were also completed, with additional workshops and study sessions held as needed. The IP was revised following public comment and Coastal Commission input (Task 2 and 3), with the finalized IP approved by the City's Planning Commission and City Council in November 2015 (Task 4). Subsequently, the City submitted the IP application package to the Coastal Commission, which deemed the application package complete on February 19, 2016. The draft IP was reviewed by Commission Staff and presented to the Commission at the September 2016 hearing, thus completing Task 5. The IP was then adopted with suggested modifications by the City Council on November 8, 2016 (with a second reading on November 22, 2016) and transmitted to the Coastal Commission on November 29, 2016. At the Commission's January 2017 hearing, the City's LCP was certified.
- **Grant Term:** May 1, 2015 – April 30, 2017

#### 11) County of San Diego – *Grant Total \$52,000*

- **Project Summary:** The County of San Diego will update its existing Local Coastal Program (LCP) to reflect present community conditions and the potential effects of climate change and sea level rise (SLR). The project will include an analysis of the portion of the unincorporated County located within the coastal zone and the development of related policy for public access, recreation and visitor-serving facilities, water quality protection, sensitive natural habitats, land use and development standards, and coastal scenic resource protection. The County's adopted General Plan will be used as the foundation of the LCP and the project will include collaboration with the Cities of Del Mar, Solana Beach, Encinitas, Carlsbad, and other relevant regional entities.
- **Work Completed:** As part of its preparation for the grant project (Task 1), the County of San Diego drafted a project charter, formed a Stakeholder Group (including district Commission staff), launched a webpage on LCP-related items, and developed a Public Engagement Plan for Land Use Plan (LUP) development. A draft of the methodology for LUP development and identification of key issues (Task 1) has also been revised to address Commission staff comments, thus completing Task 1. The County has also completed its Existing Conditions Report and Climate Change Vulnerability and Risk Assessment (Task 2), though the County will continue to refine the Existing Conditions Report as the LUP is refined. County Staff has also held numerous public outreach events on the LCP update project, with a presentation on the project scope held for the Rancho Santa Fe Association Covenant board, the San Dieguito Community Planning Group, and the County's Planning Commission (Task 2). The County has also attended the SLR working group meeting held at the

San Diego Foundation and a SLR workshop held at the Central Library as part of its efforts to gather existing conditions data and participate in outreach events (Tasks 2 and 3). Phase III of the public outreach process (Task 3) has also commenced with local hearings on the draft LUP held in late 2016 following the completion of the preliminary draft LUP (Task 4). For its development of an Implementation Plan (IP), the County prepared and submitted a draft of the IP to Commission staff for review, and posted the draft IP online (Task 5). Both the LUP and IP are set to be revised through an iterative review process by the end of June 2018, with an updated public draft available in the summer of 2018 (Task 6 and 7). The public review period for this final draft LCP (Tasks 7 and 8) has yet to commence. Lastly, the County worked with Commission staff to extend its grant to provide for additional time to complete the grant project.

- **Grant Term:** May 1, 2015 – December 28, 2018

#### **12) City of Carlsbad – Grant Total \$228,000**

- **Project Summary:** The City of Carlsbad will update its Local Coastal Program (LCP) and obtain certification for its Areas of Deferred Certification (ADC) within the City's coastal zone. Certification of a fully updated LCP will be based upon policies and adaptation measures for sea level rise (SLR), and will include updates needed for public access and recreation, the marine environment, land resources and industrial development, and coastal-dependent development.
- **Work Completed:** The City of Carlsbad completed its kick-off task for the grant project by selecting a consultant and holding a kick-off and outreach planning meeting in October and December of 2015 (Task 1). For its research efforts on SLR impacts (Task 2), the City has attended regular USGS and San Diego Climate Collaborative Sea Level Rise meetings, SANDAG Shoreline Preservation Group seminars and AdaptLA webinars as part of its collaboration with regional stakeholders (Task 5). Following a series of SLR interviews with local stakeholders, as well as coastal resident surveys, a draft SLR Vulnerability Assessment was completed and released to the public in July 2017 and presented to the Planning Commission in August 2017; a revised, final SLR Vulnerability Assessment was completed in December 2017 (Task 2). For the preparation of a draft LUP and IP (Task 3), the City has completed its LCP outline and commenced with drafting the LUP, including recently completed draft LUP chapters on public access and coastal resources. The City has also continued reviewing internal drafts of the Zoning Ordinance chapters and has consulted with Commission staff on coastal zone boundary demarcations, as well as policies on lower cost overnight accommodations (Task 3). Work under the Public Review, Hearings and Adoption task (Task 4) have yet to commence.
- **Grant Term:** April 1, 2015 – December 31, 2018

#### **13) City of Del Mar – Grant Total \$100,000**

- **Project Summary:** The City of Del Mar will prepare adaptation strategies to be incorporated into its certified LCP through an LCP Amendment that will be prepared under the City's Round 3 LCP Grant project. Under the Round 2 LCP Grant, the City will examine sea level rise (SLR) and coastal flooding impacts to the City's most

vulnerable coastal resources, visitor-serving amenities, and residences. The project includes the preparation of a Vulnerability Assessment, Risk Assessment, and Adaptation Plan. A public involvement process will also be outlined by the Stakeholder Advisory Committee and the City, while the City will also coordinate and share information with other LCP planning grant recipients and local governments.

- **Work Completed:** The City of Del Mar has completed its Round 2 LCP Grant following the completion of tasks 1-3. Under the project initiation task (Task 1), the City selected its consultant, established a Stakeholder Technical Advisory Committee (STAC), and developed a public involvement process (Task 1). The City then completed its Vulnerability and Risk Assessment using CoSMoS 3.0 (Task 2). The SLR Vulnerability and Risk Assessment found that wetlands in the San Dieguito Lagoon will be inundated more frequently in the future and eventually drowned out entirely, and that the dry beach could be lost between 2030 and 2070. A supplemental study that utilizes the final CoSMoS 3.0 data and thus refines the analysis of potential beach loss and wetland habitat evolution will be addressed in the Round 3 LCP grant that the City was awarded in August 2016. The City also completed its Adaptation Plan (Task 3), and will incorporate final revisions through a supplemental Hazards Analysis being prepared under the City's Round 3 LCP Grant that is currently underway. Tasks 4 through 7, which were not funded under the Round 2 LCP Grant, including the drafting of the LCP Amendment (Task 4), city public hearings (Task 5), submittal of the LCP Amendment to the Commission (Task 6), and coordination with Commission staff (Task 7), will continue through the City's Round 3 LCP Grant.
- **Grant Term:** April 16, 2015 - October 31, 2017

**CALIFORNIA COASTAL COMMISSION**

45 FREMONT STREET, SUITE 2000  
SAN FRANCISCO, CA 94105-2219  
VOICE (415) 904-5200  
FAX (415) 904-5400  
TDD (415) 597-5885



**Attachment B**  
**4<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 December 31, 2017. Funds spent up to December 31, 2017 total \$764,743.92 of \$2,476,011 awarded.*

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

- **Project Summary:** The City of Pacifica will update its Local Coastal Program (LCP) 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 LCP policies and an updated LCP will be presented for local adoption and submittal to the Coastal Commission for certification, which will occur 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): In Progress. The Future Conditions Scenarios was completed and released on 12/18/2017. Critical assets have also been identified and a survey on the adaptive capacity of these critical assets has been released. Work on the existing conditions report has also commenced.
- **Grant Term:** 5/10/2017 – 12/31/2018

**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, as well as submittal of the LUP to the Commission for certification, which will occur outside the grant term.

- **Work Completed:**

- Biological Resources Study (Task 1): In Progress. The City has commenced with its work on the Biological Resources Study by undertaking a literature review, establishing base maps of the City based on aerial and LIDAR maps from the County of San Mateo, and inventorying and mapping ESHA and coastal resources.

- **Grant Term:** 1/17/2017 – 9/30/2018

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:**

- Project Management (Task 1): In Progress.
- ESHA Map Update (Task 2): In Progress. The City has completed its field reconnaissance of Environmentally Sensitive Habitat Areas (ESHAs) and has completed a draft report as part of the ESHA Map update.
- SLR Adaptation Strategy Modeling (Task 3): In Progress. A draft report on potential SLR adaptation measures has been completed and reviewed by the City's General Plan Advisory Committee and is now being revised to address Commission staff comments.
- Bayside Lateral Coastal Access Plan (Task 4): In Progress. The existing conditions portion of the Plan has been completed. A draft poster of the preferred bayside lateral access alignment has also been prepared and is undergoing internal review.
- Low-Cost Visitor Accommodations Inventory and Implementation Strategy (Task 5): In Progress. A methodology for implementing low-cost visitor serving accommodations (LCVSA) is complete; the City is now working on draft policy language incorporation into the LCP and General Plan.

- **Grant Term:** 2/27/2017 – 12/31/2018

**4) City of Santa Barbara – Grant Total \$285,892**

- **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 commenced with its public outreach program by developing a stakeholder and interested parties list, as well as LCP update materials to be distributed and published online. A Public Open House was also held in November 2017.
  - Sea Level Rise Adaptation Plan (Task 2): In Progress. A Request for Proposals was prepared and following the submittal of four potential proposals, the City has chosen ESA to prepare its Adaptation Plan. The City has formed an Interdepartmental SLR Team to provide guidance on the preparation of the Adaptation Plan.
  - Policy Development for Lower-Cost Visitor-Serving Accommodations (Task 3): In Progress. A Request for Proposals was prepared and recently released. The City has also conducted preliminary research on lower cost accommodations in the coastal zone.
- **Grant Term:** 1/1/2017 – 4/15/2019

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

- **Project Summary:** The City of Carpinteria will develop a 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): In Progress. The City has completed its review of existing relevant climate change and sea level rise studies. An administrative draft of the Sea Level Rise Vulnerability Assessment is anticipated to be completed in early 2018.
- Develop Draft GP/LCP Policies (Task 7): In Progress.
- **Grant Term:** 3/22/2017 – 2/1/2019

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

- **Project Summary:** The County of Ventura will update its Local Coastal Program (LCP) by addressing 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:**
  - Project Initiation (Task 1): Complete. The County has executed its grant agreement and has hired a consultant.
  - Coastal Hazard Vulnerability and Risk Assessment (Task 2): In Progress. The County has completed gathering data on coastal resources and existing development, prepared its GIS Inventory, and determined the range of sea level rise projections to be used for specific LCP planning areas. The County is now working on identifying existing conditions and assessing the risks of SLR as the draft coastal hazard vulnerability and risk assessment is finalized and submitted to Commission staff by March 2018.
- **Grant Term:** 3/22/2017 – 5/31/2019

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

- **Project Summary:** The City of Santa Monica will prepare and complete a draft Local Coastal Program (LCP) Implementation Plan (IP) for City Council adoption and submittal to the Coastal Commission. The grant project will entail increased community outreach through public meetings, local government study sessions, and public comment periods to inform the IP development process, and will coincide with the City's Round 2 grant project in which the City is updating its Land Use Plan (LUP).
- **Work Completed:**
  - Project Initiation (Task 1): In Progress. The City initiated the grant project by executing the grant agreement and drafting the consultant Request for Proposals (Task 1).
  - Draft Implementation Plan (Task 2): Not Started. Work on the Implementation Plan is set to commence in 2018 after required revisions and public review of the draft LUP being prepared under the City's Round 2 LCP Grant is completed.
- **Grant Term:** 1/19/2017 – 9/30/2019

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): In Progress.
  - Engage the Community on the Draft Plan (Task 2): In Progress. A stakeholder survey has been developed for community engagement events.
  - Technical Studies (Task 3): In Progress. The City has inventoried parking data related to private parking in the Coastal Zone.
- **Grant Term:** 6/5/2017 – 5/30/2019

9) **City of Seal Beach** – *Grant Total \$200,000*

- **Project Summary:** The City of Seal Beach will develop its first Local Coastal Program (LCP) for submittal and Commission certification. Grant work includes a community outreach program; development of a Sea Level Rise (SLR) Vulnerability Assessment and Adaptation Plan; preparation of LCP drafts and maps (including a programmatic inventory of biological and wetland resources); local adoption of the LCP, and submittal of the LCP to the Commission for certification.
- **Work Completed:**
  - Project Kickoff and Define Scope (Task 1): In Progress.

- Consultation with CCC Staff (Task 2): In Progress.
- **Grant Term:** 12/12/2017 – 7/31/2019

**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): In Progress. A kickoff meeting has been scheduled for early 2018 following the development of a stakeholder/interested parties list.
  - Model and Map Coastal Resources for Climate Scenarios (Task 4): In Progress. The City has commenced with its data collection and modelling of SLR hazard scenarios.
- **Grant Term:** 6/19/2017 – 12/31/2018

**11) City of San Clemente – Grant Total \$135,000**

- **Project Summary:** The City of San Clemente will submit its Land Use Plan (LUP) to the Commission for certification and develop its Implementation Plan (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 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 and IP draft, as well as executing a targeted LUP amendment to incorporate SLR findings. Following submittal of the IP to the Commission, certification will occur outside the grant term.
- **Work Completed:**
  - Coastal Commission Engagement (Task 1): Ongoing. The City held internal kickoff meetings to commence the grant project, as well as numerous check-in meetings with Commission staff to discuss grant project processes and LCP issues.

- Land Use Plan (Task 2): In Progress. The City received preliminary comments from Commission staff on all chapters of its LUP and scheduled an initial, non-voting public hearing with the Coastal Commission at the December 2017 hearing; a final public hearing for Commission approval of the LUP will occur in February 2018.
- Sea Level Rise Study (Task 3): In Progress. The City has incorporated Commission staff comments and updated CoSMoS data into its draft SLR study, which is anticipated for release to the public in March 2018.
- Public Outreach (Task 4): In Progress. Public notices have been drafted and mailing lists prepared for the purpose of publicizing the SLR study and the draft IP.
- Draft Implementation Plan (Task 5): In Progress. The City has commenced with drafting the IP map and IP graphics as part of the Draft IP.
- **Grant Term:** 3/13/17 – 2/1/2019

## 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.
  - Project Initiation (Task 2): In Progress. A kickoff meeting has been held and a consultant has been selected. Preparation of technical studies that provide new data on coastal hazards, biological resources, water and wastewater facilities, visitor accommodations, public parking, public recreational areas, coastal access, and coastal view corridors, is ongoing.
  - Coastal Hazard Vulnerability Assessment and Adaptation Plan (Task 3): In Progress. The City has reviewed the ICLEI Vulnerability Assessment and data has been collected to support the analysis; the Vulnerability Assessment is anticipated to be completed by March 2018.
  - Community Outreach (Task 4): In Progress. The City has developed a webpage and solicited input from online surveys; a first public workshop has been scheduled for May 2018 for discussion of the Vulnerability Assessment.
- **Grant Term:** 4/27/2017 – 12/31/2018

**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:**
  - Supplemental Sea Level Rise Hazard Analysis (Task 1): In Progress. The final updated Hazard Analysis is anticipated to be completed by February 2018, with the Adaptation Plan currently undergoing additional review.
  - Sediment Management Plan (Task 2): In Progress. A draft outline of the Sediment Management Plan has been completed; the City is now working on completing the report by April 2018 and has held meetings with the Steering Committee.
  - San Dieguito Lagoon Wetland Habitat Migration Assessment (Task 3): In Progress. A draft outline of the Lagoon Wetland Habitat Migration Assessment has been completed; the City is now working on finalizing the report by April 2018.
  - Amendment Drafting (Task 4): In Progress.
- **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): In Progress. The City has held two Steering Committee meeting in July and September 2017 as part of the Land Use Plan Update. An administrative draft of the LUP has also been completed and is now undergoing review by the City and Commission staff.
- **Grant Term:** 2/24/2017 – 12/31/2018



**CALIFORNIA COASTAL COMMISSION**

45 FREMONT STREET, SUITE 2000  
SAN FRANCISCO, CA 94105-2219  
VOICE (415) 904-5200  
FAX (415) 904-5400  
TDD (415) 597-5885



**Attachment C**  
**1<sup>st</sup> Status Report on Round 4 Local Coastal Program Grants**

*The following is a summary of the work completed under the 7 Round 4 Local Coastal Program Grants awarded in August 2017 (listed from North to South) from October 1, 2017 through December 31, 2017. Funds spent up to December 31, 2017 total \$0.00 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:**
  - The County of Humboldt's grant agreement was recently executed; accordingly, work under the grant has not been reported to date.
- **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:**
  - The City of Trinidad's grant agreement was recently executed; accordingly, work under the grant has not been reported to date.
- **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:**
  - The City of Fort Bragg's grant agreement was recently executed; accordingly, work under the grant has not been reported to date.
- **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:**
  - The City of Marina's grant agreement has not yet been executed; accordingly, no work under the grant has been completed to date.
- **Grant Term:** TBD – 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:**
  - The City of Pismo Beach's grant agreement has not yet been executed; accordingly, no work under the grant has been completed to date.
- **Grant Term:** TBD – 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:**
  - The City of Avalon's grant agreement was recently executed; accordingly, work under the grant has not been reported to date.
- **Grant Term:** 1/8/2018 – 8/31/2019

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:**
  - The City of San Diego's grant agreement was recently executed; accordingly, work under the grant has not been reported to date.
- **Grant Term:** 1/12/2018 – 12/31/2019