

CALIFORNIA COASTAL COMMISSION

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September 4, 2015

TO: California Coastal Commission and Interested Parties

FROM: Charles Lester, Executive Director

SUBJECT: Executive Director's Report, September, 2015

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

LCP Program Status – North Coast (Del Norte, Humboldt, Mendocino Counties) (SP Goal 4)

County of Del Norte

Del Norte County has about 49 miles of shoreline extending from the Oregon border to the Humboldt County line. Roughly half is sandy beaches and half is rocks and rugged beaches that provide significant habitat. The coastal zone area totals approximately 64 square miles of the County's 1,230 square miles of total land area and contains the County of Del Norte and the incorporated City of Crescent City. The County contains special rural communities and tribal lands of several Native American tribes. Del Norte County also includes significant forest, agriculture and fisheries resources, state beaches and parks that protect coast redwood habitat and provide access and recreation, and extensive coastal dunes. Key wetland areas are at Lakes Earl and Talawa and at the mouth of the Smith and Klamath Rivers. In addition, the Crescent City Harbor lies just south of the City of Crescent City, and provides significant moorage for commercial fishing and recreational vessels alike.

The Del Norte County LCP has four segments (the County segment certified in 1983, the Harbor Segment certified in 1987, the Lopez Creek segment certified in 1987 and the Point Saint George segment which remains uncertified. The Pacific Shores Subdivision is also an Area of Deferred Certification (ADC). The City of Crescent City LCP has two segments, the Crescent City segment certified in 1983 and the McNamara-Gillespie segment certified in 1984. The City segment, including the Little Mo-Peep ADC and McNamara-Gillespie segment, was comprehensively updated in 2011. The County and City are working with the Crescent City Harbor District on an update of the Crescent City Harbor segment, expected for submittal to the Commission for certification in mid-2016.

County of Humboldt

With approximately 180 miles of coastline, plus an additional 102 miles of shoreline along Humboldt Bay, Humboldt County leads the state as the county with the greatest intertidal frontage. The coastal zone area totals approximately 203 square miles of the County's 4,052 square miles of total land area. There are five LCP jurisdictions in Humboldt County: the County and the Cities of Trinidad, Arcata, Eureka, and Fortuna (the City of Ferndale was removed from the coastal zone in 1979). The County's LCP has six geographic segments, each certified between 1982 and 1985, with the exception of three Areas of Deferred Certification (ADCs): Stagecoach Hill and Big Lagoon Estates Subdivision in the North Coast Area Plan segment, and

the Trinidad Area Shoreline Lots in the Trinidad Area Plan segment. In January of 2014, the Commission awarded the County an LCP grant of \$29,000 in part to resolve issues related to the ADCs.

Humboldt Bay Region

Humboldt Bay is the second largest natural bay in California and the largest estuary between San Francisco Bay and Coos Bay, Oregon. The bay is a significant harbor for port-related commercial and industrial uses as well as valuable for its ecological, aesthetic, and recreational resources. Historically the bay supported 10,000 acres of tidal marsh habitats. Since the mid-1800s, the majority of the historic tidelands were diked or filled, and today, only 10% of the historic tidal marsh habitat remains. The tidelands and submerged lands of the bay are administered by the Humboldt Bay Harbor, Recreation, and Conservation District and the Cities of Arcata and Eureka pursuant to legislative grants.

Humboldt Bay has the unfortunate distinction of being identified as having the highest rate of sea level rise in the State due to active land subsidence associated with the Cascadia Subduction Zone that lies offshore extending from Cape Mendocino to Vancouver Island, Canada. In 2013 the [Humboldt Bay Shoreline Inventory, Mapping and Sea Level Rise Vulnerability Assessment](#), funded by the State Coastal Conservancy, was completed.¹ The assessment found that 50% of Humboldt Bay's 102-mile long shoreline is composed of artificial dike and railroad structures constructed over 100 years ago and in varying stages of disrepair. Some 26 miles of shoreline is rated as highly vulnerable to breaching and/or overtopping under today's higher high tide events. In 2015 the final [Humboldt Bay Sea Level Rise, Hydrodynamic Modeling, and Inundation Vulnerability Mapping report](#) was completed (also funded by the State Coastal Conservancy),² which projects between 2.0 feet and 5.3 feet of relative sea level rise by 2100. Together with the Adaptation Planning Project [Phase 2 report](#),³ the studies show that numerous critical regional assets and coastal resources are located in areas vulnerable to inundation if the shoreline is breached or overtopped, including municipal utility and stormwater infrastructure, state highways and local roads, urban residential and commercial areas, and thousands of acres of agricultural lands.

Both the Commission and the Ocean Protection Council have awarded LCP grants to fund LCP updates in the Humboldt Bay region that include policies addressing SLR and adaptation strategies to address SLR-related impacts and hazards. The OPC awarded a \$250,000 LCP grant to the City of Eureka in 2014 to update its LCP, which was certified in 1984 and partially updated in 1999. The Commission awarded a \$54,000 LCP grant to the City of Arcata in 2014 to update its LCP, which was effectively certified in 1986. The OPC awarded a \$90,000 LCP grant to Humboldt County in 2014 to update the Humboldt Bay Area Plan segment of the County's LCP, which was certified in 1983. Concurrent updates of the three LCPs will allow a regional approach to developing SLR policies and adaptation strategies for the Humboldt Bay region.

In addition to sea level rise issues, Humboldt Bay also is considering changes to many of the land use and zoning designations around the bay. Both the County and the City of Eureka are examining their respective inventories of land designated and zoned for coastal dependent

¹ [A. Laird 2013](#) is available at the [Humboldt Bay Harbor District's website](#), which also contains links to the GIS data and Google Earth data for viewing shoreline vulnerability and sea level rise inundation maps.

² [Northern Hydrology and Engineering 2015](#)

³ [A. Laird 2015](#)

industrial (CDI) uses, and both are considering potentially redesignating/rezoning CDI land to other uses as well as developing LCP policies to allow for interim uses on vacant under-utilized CDI lands. In August of 2012 the Commission certified a major LCP amendment changing the industrial land use designations and zoning districts of the unincorporated town of Samoa (approximately 150 acres located on the west side of Humboldt Bay) to a mix of residential, commercial, natural resources, and business park uses and extending the urban limit line. In January of 2014, the Commission awarded the County an LCP grant of \$29,000 in part to complete an inventory of industrial/coastal dependent sites in the Humboldt Bay Area Plan segment to facilitate development of interim use policies for these currently under-used sites. In addition, in November of 2014 the Commission and the OPC awarded a grant of \$35,000 and \$90,000, respectively, to the County to undertake a comprehensive update of the Humboldt Bay Area Plan and to update policies related to tsunami hazards. The City of Eureka's comprehensive LCP update funded by the OPC also includes an analysis of their inventory of un- and under-developed coastal-dependent industrial sites for assessing appropriate interim use provisions and/or potential reclassification to other plan and zoning designations.

City of Trinidad

The City of Trinidad has the oldest certified LCP in the state, certified in 1980. The City is on the semi-enclosed Trinidad Bay, both a harbor-of-refuge to transient vessels and home to numerous commercial fishing, charter, and recreational boats. Trinidad is presently in the process of updating its LCP, including policies and standards for resolving issues associated with its one ADC, the Trinidad Harbor and Upland Support Area. In November of 2014, the Commission awarded an LCP grant in the amount of \$80,000 to the City to assist with the preparation of their comprehensive update, with the work program focusing on the resolving the uncertified harbor area, development of policies and procedures for the protection of cultural resources, and identifying adaptation measures for responding to sea level rise and climactic changes.

City of Fortuna

Finally, the City of Fortuna has only a portion of a single 3½-acre developed parcel situated in the Coastal Zone. Consequently, given the small physical extent of this area, the City has not undertaken efforts to adopt an LCP and to date has deferred to the Commission's retained coastal development permit authority at this site (City-owned "River Lodge").

Mendocino County

Mendocino County has about 159 miles of shoreline. The coastal zone area totals approximately 145 square miles of the County's 3,878 square miles of total land area and includes the County of Mendocino and two incorporated cities: Fort Bragg and Point Arena. The area also contains Noyo Harbor (Noyo Harbor District), from which a viable commercial fishing fleet and numerous recreational water craft are based.

The County includes numerous rural coastal communities, and state beaches and parks that provide significant public access and recreation opportunities, from the remote, rugged northern shoreline within the Sinkyone Wilderness State Park, to the resort destination / visitor-serving accommodation oriented towns of Mendocino, Little River, Albion, Elk, and Gualala. In addition, substantial agricultural and timberland resources exist along the uplifted marine terraces and within the lower watersheds of the Ten Mile, Big, Albion, Navarro, Garcia, and Gualala Rivers.

The Land Use Plan of the Mendocino County LCP was certified in November 1985. Subsequently two geographic segments were created: the Town of Mendocino segment, at the County's behest in 1990, and the "Pygmy Forest Vegetation" segment, as the result of a judicial ruling in 1995. The Implementation Plan of the "balance" of Mendocino County and thus the LCP was effectively certified in September 1992, followed by the Mendocino Town Plan segment in November 1996. In October 2014, the County submitted a comprehensive amendment to the Town Plan that addresses myriad changes to its visitor-serving accommodation provisions, establishes two new public facility sites, and institutes sustainable development policies for rainwater harvesting and incorporating low impact development design features in new development. In the interest of expediting its certification, is currently conducting local hearings on further refinements to its October 2014 Town Plan update amendment submittal, which is anticipated to be rescinded/resubmitted to the Commission for certification review in October 2015. The Pygmy Forest Vegetation segment remains uncertified.

The City of Fort Bragg's LCP, originally certified in February 1984, was comprehensively updated in 2008. The City is also engaged in developing a specific plan based LCP amendment for redevelopment of the 320-acre former Georgia-Pacific California Wood Products Manufacturing Facility. The City of Point Arena's LCP was initially certified in December 1981. A comprehensive update was subsequently certified in August of 2006.







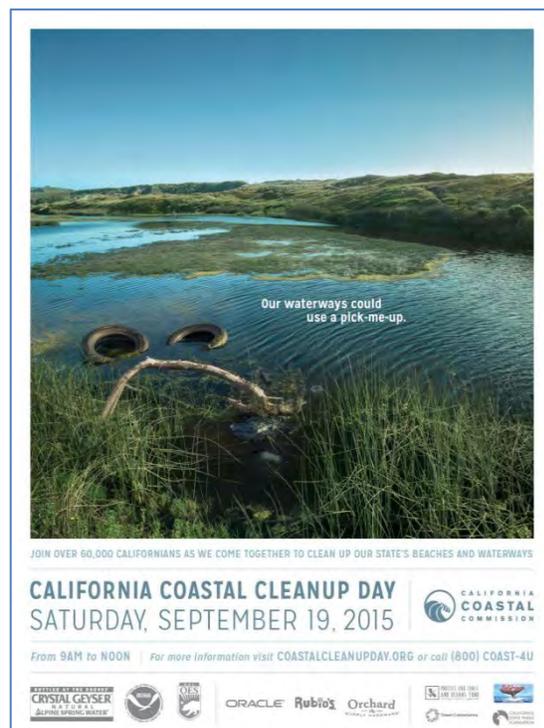
LCP Assistance Grants Update (SP Goal 4)

The Commission LCP Grants awarded for FY 2013-2014 are well underway and work has started on the LCP Grants awarded for FY 2014-2015. The attached reports show the progress made to date on all 24 grants (Attachments 1 and 2). For the FY 2013-2014 grants, many local jurisdictions grantees have now completed draft Land Use Plans and/or Implementation Plans that are undergoing review by Commission staff. The majority of the projects are progressing well. Several projects are behind on submitting deliverables and Commission staff is working closely with the local governments to resolve issues contributing to project delays. For the FY 2014-2015 grants, Grant Agreements with work programs and schedules have been established for each of the 13 grants, and many grantees have already begun work.

Information about the status of LCPs statewide can also be found on the Commission's website [here](#).

Coastal Cleanup Day -- September 19, 2015

On Saturday, September 19th, the Commission will be celebrating the 31st Annual California Coastal Cleanup Day. This is the Commission's largest public event, drawing more than 70,000 volunteers to California's beaches and inland waterways every year. Since the Commission began Coastal Cleanup Day in 1985, it has grown to become the state's largest annual volunteer event, and when combined with the International Coastal Cleanup, organized by the Ocean Conservancy, the largest such event in the world. During the past 30 years, more than 1.3 million volunteers have removed over 21 million pounds of trash, helping to keep our state's beaches and ocean free of debris at the end of the beach-going season. More than just a beach and river



cleanup, the Cleanup is a fantastic entry point for Californians, young and old, and from across the spectrum of our population, to learn about coastal stewardship, the Commission's role in protecting our coast, and how they can become further involved in our efforts to keep the

California coast clean, safe, and open to everyone. More information about Cleanup Day is available on the Commission's public education webpage [here](#).

Commission's Sea Level Rise Guidance Adopted

The Coastal Commission unanimously adopted its [Sea Level Rise Policy Guidance](#) in August, 2015. The guidance provides interpretive guidelines and technical information for addressing sea level rise in Local Coastal Programs and coastal development permit reviews. The Commission has updated its [Sea Level Rise webpage](#), which provides the document for download but also allows easy access to specific sections and technical information. Commission staff is developing a comprehensive outreach and technical assistance program to facilitate the transmission and use of the new guidance.

Commission Workshop with Local Government coming in November, 2015

The Commission is preparing for its third workshop with local government officials, scheduled for Friday, November 6, 2015 in Half Moon Bay. The Commission has used prior workshops to identify and discuss issues related to the improving the implementation of the LCP program. In conjunction with the Commission staff-led working group with local government representatives, the workshops have led to the development of guidance: [Tips/Best Practices for Processing LCP Amendments](#). The Commission anticipates that the November workshop will address issues related to the LCP update and grant process as well as implementation of the Commission's Sea Level Rise Policy Guidance.

KCET Point Buchon California Coastal Trail Video Clip

KCET Public Television has been producing a series about the [California Coastal Trail](#), supported by State Coastal Conservancy "Explore the Coast" grant. There are currently 27 video clips about different sections of the coast. This [clip](#) features the Commission's Public Access Program Manager – Linda Locklin – and the Point Buchon Coastal Trail segment. This amazing three-mile trail was a requirement of the Commission's 2004 [approval](#) of PG&E's construction and operation of a radioactive waste storage facility (the Independent Spent Fuel Storage Facility (ISPFS)) at Diablo Canyon in San Luis Obispo County.

An earlier clip about the Coastal Trail in [Coronado](#) features Coastal Commissioner Greg Cox.

Meetings and Events

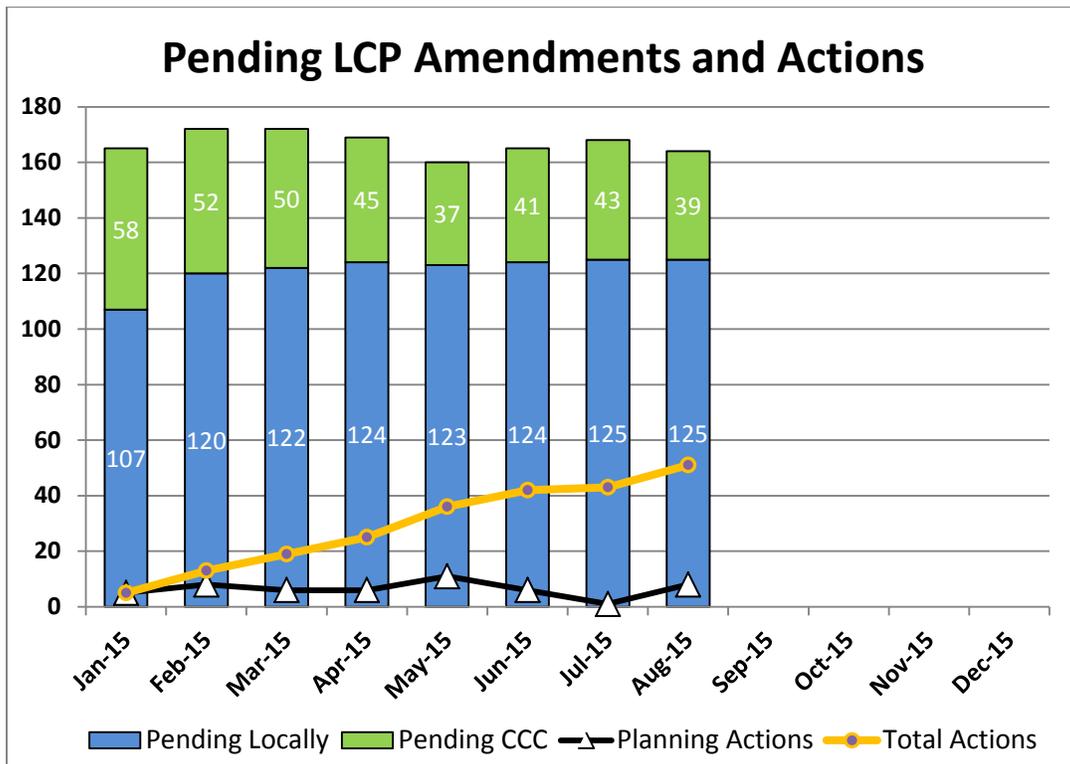
- On Tuesday, September 1, staff participated in a NOAA-sponsored boat tour of the Long Beach coastline, Alamitos Bay and the Port of Long Beach focusing on areas at risk from sea level rise and erosion from tidal and wave action. The tour participants included Congressman Alan Lowenthal and a number of Local, State and Federal agency representatives who are dealing with sea level rise and climate change issues. Following the boat tour there was a discussion of local climate change and sea level rise issues focusing on the Long Beach area, including a Commission staff presentation on the Commission's Sea Level Rise Guidance document.

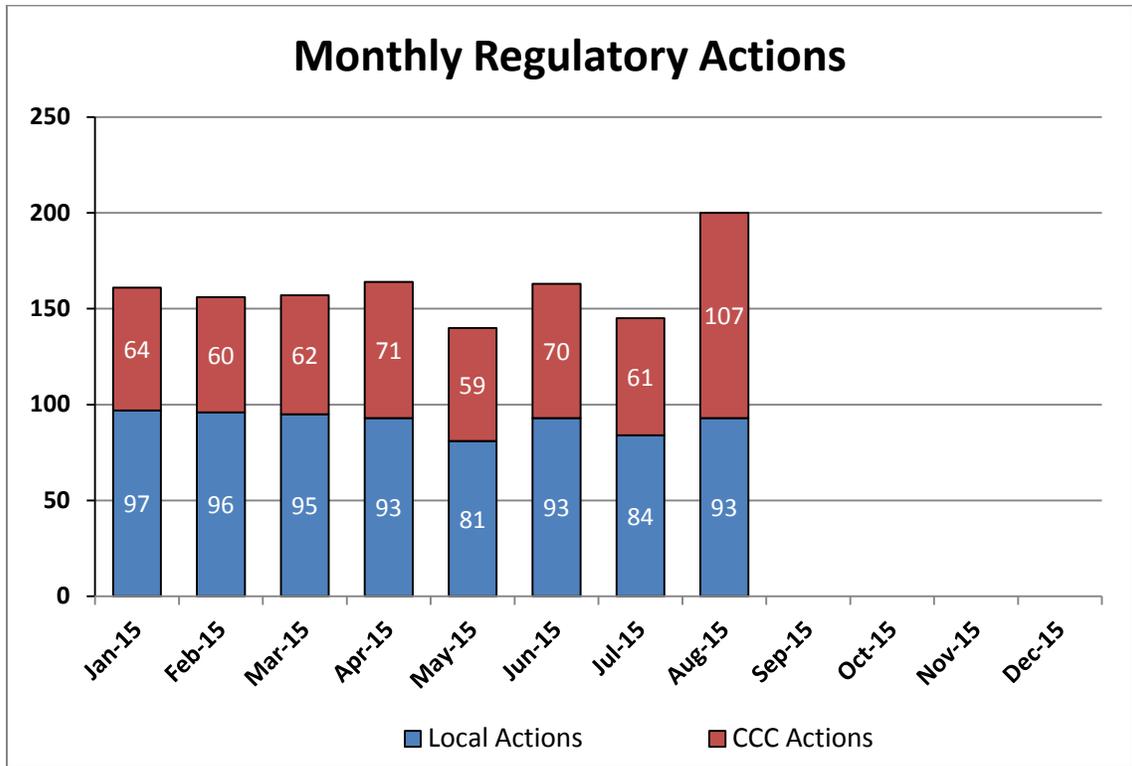
The following day Congressman Lowenthal sponsored a forum on climate change focusing on the climate change and sea level rise science; sea level rise hazard & vulnerability modeling; and the various local, state and regional climate change and sea level rise

adaptation planning efforts in southern California. Coastal Commissioner Roberto Uranga provided an opening presentation for the forum highlighting the Coastal Commission’s Sea Level Rise Guidance document and the City of Long Beach’s efforts to address climate change. Commission staff gave a presentation on the Commission’s Sea Level Rise Guidance document and LCP grant program.

LCP and CDP Workload Data

Monthly Commission and local government planning and permit activity is reported below, as provided by the Commission’s Coastal Data Management System (CDMS).





Final Local Action Notices and Appeals -- 2015

Month	Appealable	Not Appealable	Total	Appeals	Appeal Rate
Jan	51	46	97	4	7.8%
Feb	67	29	96	3	4.5%
Mar	55	40	95	1	1.8%
Apr	71	22	93	7	9.9%
May	51	30	81	5	9.8%
Jun	53	40	93	5	9.4%
Jul	50	34	84	9	18.0%
Aug	62	31	93	2	3.2%
Sep			0		
Oct			0		
Nov			0		
Dec			0		
YTD	460	272	732	36	7.8%

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**California Coastal Commission Local Coastal Program
Planning Grant Program****FY 2013-2014 – 5th Status Report**

The following is a summary of the work completed under the 11 LCP Grant contracts for FY 2013-2014 from April 30, 2014 to July 31, 2015. Funds spent up to July 31, 2015 total \$508,916.45

1) Humboldt County – Grant Total \$29,000

- **Project Summary:** Humboldt County will complete and submit LCPs for certification of three Areas of Deferred Certification: Azalea Habitat Areas on Stagecoach Hill, portions of the Big Lagoon subdivision, and portions of the Trinidad LCP. The grant also includes submittal of an LCP amendment to the Coastal Commission to establish an inventory of Industrial/Coastal Dependent land and develop policies to allow for potential interim use of such land.
- **Work Completed:** Humboldt County staff have compiled background information on Areas of Deferred Certification (ADC), through mapping, policy research and public outreach (Tasks 1-3). Planning staff have also continued their research into the history of parcel creation for all parcels not involved in past litigation regarding illegal subdivisions (Task 1). The County has held coordination meetings with Coastal Commission district staff to discuss potential issues and progress to date, while SB 18 Tribal consultations have been ongoing (Tasks 1-4). Historic coastal bluff erosion reports have been drafted with the support of Humboldt State University students (Task 2). Coordination meetings with the Humboldt Bay Harbor Recreation and Conservation District (HBHRCD), the City of Eureka, the Humboldt County Economic Development Division, and other governmental agencies have been held for the purpose of evaluating coastal-dependent industrial (CDI) land around Humboldt Bay (Task 4). In two recent meetings, the policy language for the interim use of CDI land was discussed.
- **Grant Term:** April 30, 2014 - April 30, 2016
- **LCP grant funds spent to date:** \$4,022.62

2) City of Arcata – Grant Total \$54,000

- **Project Summary:** The City of Arcata will complete and submit a comprehensive update of its LCP to address sea level rise (SLR) and changed community conditions, based on its 2011 LCP submittal. The work program includes: an evaluation of the effects of SLR; development of LCP policy options and an Adaptation Plan to address SLR; an update to the Existing Conditions Report and LCP background sections; and other modifications as needed to update the 2011 LCP submittal. The project also includes public workshops and final certification of the LCP Amendment.

- **Work Completed:** The City has continued to identify potential SLR impacts (Task 1) through data collection, mapping, outreach activities and its participation in both the Humboldt Bay SLR Adaptation Planning Project and in meetings of the Caltrans' Technical Advisory Committee. Departmental staff from Public Works, Environmental Services, and Community Development have held bi-weekly meetings on risk assessment to coastal resources, while both the City's Wetlands and Creeks committee and Open Space advisory committee have held a public joint study session with the City Council. The City is also evaluating a range of sea level rise projections and continues to meet with Commission staff regularly to discuss its sea level rise methodology. A "hybrid framework" has been prepared for the SLR Scenarios Report (Task 2), while the recently drafted Existing Conditions Report is currently being finalized following Coastal Commission review (Task 3). For its preparation of a Coastal Land Use Plan Internal Draft Document (Task 4), the City has completed initial drafts of all chapters and is continuing with its internal review. A first draft of the Coastal Implementation Plan (Task 5), including permit requirements, permitting procedures, and local responsibilities in the appeal process, has been completed and is under revision. Consultation with the Coastal Commission also remains ongoing (Task 6), while the schedule of public outreach has been modified to allow for earlier public engagement opportunities (Task 7).
- **Grant Term:** May 1, 2014 - April 30, 2016
- **LCP grant funds spent to date:** \$10,642.25

3) County of Marin – Grant Total \$54,000

- **Project Summary:** The County of Marin will complete and submit an LCP Amendment to prepare for sea level rise, as part of the C-SMART project (Collaborating on Sea-level Marin Adaptation Response Team). The C-SMART project will develop a scientific and technical basis for assessing the potential changes, vulnerabilities, and impacts that sea level rise may bring to the community, natural resources, access, and the built environment of Marin's open ocean and Tomales Bay coast. The project will also identify appropriate response and resilience strategies to address these effects through agency coordination and will plan for the implementation of such measures, including their integration into Marin's Local Coastal Program. Marin County received \$200,000 from the OPC to support the LCP amendment project.
- **Work Completed:** The County of Marin has completed an interim first draft of its Vulnerability Assessment and is in the process of drafting its Adaptation Strategy Report. County staff have established a Stakeholder Advisory Committee (SAC) and a Technical Advisory Committee (TAC) for increased expertise and public involvement (Task 1) in the LCP process. This has resulted in numerous committee meetings for the public, the creation and launching of a bilingual website, coordination with C-SMART partner organizations, and ongoing asset/property manager interviews (which involved questions for asset managers on conditions and potential impacts from flooding, erosion, saltwater intrusion and more). Community workshops were held in Point Reyes and in Stinson Beach, where community members received an update on Marin's LCP progress as well as an introduction to SLR strategies for consideration. Community members also participated in the "Game of Floods" interactive board game, collaborating to create adaptation plans for a

conceptual Marin Island. The County also continues to make significant progress in its Draft Vulnerability Assessment (Task 2) by combining the results of the asset manager interviews with geostatistical analyses, literature review findings and information gathered from public workshops into "Asset Profiles" (i.e. parcels and buildings, utilities, armoring, and recreation) and "Community Profiles" (which highlight the key issues, impacts, and critically vulnerable assets for the seven study area communities). The Draft Vulnerability Assessment was also circulated to members of the Stakeholder and TAC committees for review and comment. County staff has also recently provided C-SMART consultants with armoring data collected through GPS for the purpose of developing Exposure Maps, which identify areas of existing storm flood hazard, inundation, creek flooding and bluff and beach erosion. These maps will expand on the vulnerability maps already drafted by County Staff using data from Our Coast, Our Future (OCOF) and other GIS layers.

- **Grant Term:** June 1, 2014 - April 30, 2016
- **LCP grant funds spent to date:** \$30,161.00

4) **City of Half Moon Bay – Grant Total \$75,000**

- **Project Summary:** The City of Half Moon Bay will complete an update of its Local Coastal Program in conjunction with an update of its General Plan. The project will result in a comprehensive update of the City's LCP, the current version of which dates to 1993. Half Moon Bay received \$70,000 from the OPC to support the sea-level vulnerability assessment and policy development.
- **Work Completed:** The City of Half Moon Bay has not yet completed work on Coastal Commission grant-funded tasks. Recently, the City and Commission staff agreed upon an amendment to its work program, which will include a redistribution of grant funds to support a final task/deliverable consisting of a community open house to discuss a draft LUP update. City staff also coordinated with Commission staff to choose a range of sea level rise scenarios to use for their vulnerability assessment work (OPC grant). In preparation for the City's development of a Preferred Plan and Policy Framework (Task 5), which serves as the City's initial grant-funded task, the City has held numerous community engagement activities over the summer, including 20 in-depth sessions about four building block topics (Recreation, Conservation & Open Space; Climate Action Plan & Healthy Community; Transportation, and Land Use). These efforts took shape through Neighborhood Listening Sessions, Stakeholder Outreach (which focused on Half Moon Bay's youth, elderly, and Spanish-speaking community, as well as folks with environmental, agriculture, and business interests), Open Houses (which were presented through informative handouts and large scale maps, including a sea level rise map and discussion of the impact and vulnerability assessment being completed for the LCP update), and workshop series on Recreation, Conservation, Open Space and Climate Action Plan & Healthy Community.
- **Grant Term:** April 30, 2014 - April 30, 2016
- **LCP grant funds spent to date:** \$0.00

5) **City of Pacific Grove** – *Grant Total \$130,000*

- **Project Summary:** The City of Pacific Grove will complete and submit a comprehensive update of its Land Use Plan, as well as a new Local Coastal Program Implementation Plan (IP), which, when certified, will result in the City assuming authority for issuing coastal development permits. A Coastal Zone Land Use Plan (CZLUP) was certified in 1991. The project also includes collecting background information and a climate change vulnerability assessment.
- **Work Completed:** The City has completed a preliminary Draft LUP (Task 3) and is in the process of preparing a Draft IP (Task 4). After its kickoff meeting in August 2014 (Task 1), the City has worked diligently towards completing its Draft Coastal Zone LUP (Task 3) following the completion of the Background Report and Climate Change Vulnerability Assessment (Task 2). Preliminary LUP language has been reviewed by CCC staff, while information gathered from community engagement activities (Task 5), such as a Coastal Walk with Planning Commission and City Staff in April have also been employed in refining the CZLUP (Task 3). The City has also maintained bi-monthly meetings with Coastal Commission staff (Task 1).
- **Grant Term:** April 30, 2014 - April 30, 2016
- **LCP grant funds spent to date:** \$96,718.55

6) **City of Goleta** – *Grant Total \$125,000*

- **Project Summary:** The City of Goleta will complete and submit a new LCP to the Coastal Commission for certification. The City recently prepared a General Plan in 2006 and proposes to develop a Coastal Land Use Plan that is integrated with the General Plan. An Implementation Plan will also be prepared in conjunction with the preparation of the City's first Zoning Code. The project includes special emphasis on sea level rise, which will be implemented through collaborative efforts with the City of Santa Barbara and the County of Santa Barbara.
- **Work Completed:** City staff have completed administrative drafts of the LUP and IP. The City has worked with consultants on completing the Infrastructure Capacity Analysis Study and a Climate Change Issues and Potential Implications Report, in order to update background information related to natural hazards, ESHAs, scenic resources, water supply, and public shoreline access (Task 2). The City has also completed drafts of technical studies on Water Supply and Wastewater Capacity Analysis and Backshore Characterization and Initial Vulnerability Findings. GIS data set collection continues, with a GIS Data Collection Workshop held at City Hall in early July and internal city coordination as well as collaboration with the County of Santa Barbara and Public Utilities ongoing (Tasks 2 and 3). The Draft LUP has been submitted for preliminary CCC review and includes all General Plan/Local Coastal Plan Elements with the exception of the Housing and Noise Elements (Task 3). City staff have also met with CCC staff to review comments and recommendations for Public Access, Recreation, Safety, and Energy Policies submitted as part of the Draft Land Use Plan (Task 3). The City has also generated preliminary hazard overlay zoning maps, while an Administrative Draft of the New Zoning Ordinance (with coastal provisions) has also been submitted to City staff and the CCC for review as part of its deliverable for an Implementation Plan (Task 4). Finally, numerous meetings with CCC staff have been held pertaining to the City's proposed ESHA

- policies, draft LUP Definitions, draft Implementation Plan ordinances, and the Community Wildfire Protection Plan.
- **Grant Term:** April 30, 2014 - April 30, 2016
 - **LCP grant funds spent to date:** \$72,850.83

7) **City of Santa Barbara** – *Grant Total \$123,000*

- **Project Summary:** The City of Santa Barbara will complete an update to its certified LCP, with specific emphasis on addressing climate change and the associated impacts of sea level rise (SLR), extreme high tides, storm events and coastal erosion. The primary goals of the project are to: 1) comprehensively update the City's Land Use Plan (LUP) and Land Use Map to include recently adopted City plans and ordinances, such as the 2011 General Plan Update; 2) update a targeted portion of the Implementation Plan (IP) to include climate change adaptation actions; and 3) encourage citizen participation throughout the planning process.
- **Work Completed:** The City of Santa Barbara completed its update of the LUP Baseline by reviewing its existing LUP, its opportunities and constraints, and by digitizing LUP maps and inventorying City policies and actions (Task 1). A final draft of the SLR Report (Task 2) has also been completed, following a review of the Commission's draft SLR Guidance document and after receiving input from Commission staff. As of July 2015, a Draft LUP is undergoing revisions, including further refining the Coastal Hazards and Adaptation section (Task 3). This is a result of coordination efforts with the CCC, updated GIS data for mapping, meetings with the Planning Commission, Parks and Recreation and Harbor Commission, participation in the Santa Barbara County Coastal Resiliency Project, and numerous community workshops and feedback. For the purpose of drafting an Implementation Plan update (Task 4), existing City policies from the General Plan and the Climate Action Plan have been analyzed with recommendations made to better align SLR policies with Best Available Science and current adaptation goals. The City has also reviewed sea-level rise data and identified gaps in existing data by attending various webinars and meetings related to SLR modeling (such as CivicSpark Project Webinar and the Coastal Resiliency Conference call on CCC SLR Policy Guidance Document), inventorying coastal protective devices, field surveying crest profile elevations, and researching other jurisdiction's inclusion of Hazard maps (Task 4). Furthermore, City staff have researched available SLR vulnerability GIS data and initiated development of an automated ArcGIS tool to compare projected SLR impact scenarios for project-level screening. These results will be used to assist in determining guidelines for development.
- **Grant Term:** April 30, 2014 - April 30, 2016
- **LCP grant funds spent to date:** \$82,384.00

8) City of Los Angeles – Grant Total \$100,000

- **Project Summary:** The City of Los Angeles will complete a Venice LCP Framework Plan, which will include an issues assessment of the land use and environmental concerns involved with the development of a successful Local Coastal Program for Venice. The project includes: research; a public involvement process; development of an issues assessment report; public presentations; and regular coordination with Coastal Commission staff.
- **Work Completed:** As part of its goal of creating a new LCP for Venice, the City of Los Angeles has carried out internal research assignments and is currently revising its draft Issues Assessment following CCC review (Task 1). They compiled and reviewed documents from previous attempts at Local Coastal Program certification by the City of Los Angeles; reviewed LCPs (at varying levels of completion) from other jurisdictions; conducted internal meetings; and held multiple internal interviews with staff to help identify issues related to LCPs and the permitting process. The City is also in the process of finalizing the draft Venice Local Coastal Program Framework Study by incorporating CCC comments and suggestions and consulting guidance materials provided by the CCC (Task 3). Coordination with the CCC and attendance at the Santa Monica Commission hearing was also carried out to clarify permit processing practices and to better understand community concerns (Task 4).
- **Grant Term:** June 15, 2014 – December 31, 2015
- **LCP grant funds spent to date:** \$19,932.05

9) City of Hermosa Beach – Grant Total \$100,000

- **Project Summary:** The City of Hermosa Beach will complete and submit an LCP to the Coastal Commission for certification. The project includes an update to the Land Use Plan that was certified in April 1982 and completion of the Implementation Plan in order to achieve certification and assume authority for issuing coastal development permits. The project includes completion of several technical studies, which will inform the development of the LCP, including a parking utilization and use study, a beach use survey and management plan, a sea level rise (SLR) vulnerability assessment, and a subsurface stormwater runoff analysis.
- **Work Completed:** Hermosa Beach has held multiple coordination meetings with the Coastal Commission to discuss its grant progress, including recent discussions on coastal priority uses, special/temporary events, and water quality (Task 1). The City has also concluded its identification and review of issues of statewide importance and existing issues and constraints (Task 1). Numerous stakeholder engagement activities have been carried out through the formation of Community and Technical Working Groups and by holding community workshops, which included visioning and charrette exercises (Task 2). An overview of coastal considerations for special events to the City's Parks and Recreation Commission was also held recently, while a series of potential land use and transportation scenarios was presented to the Planning Commission and City Council (Task 2). The City has also completed its outline of the Coastal Boundary and has continued its work on the Issues, Opportunities, and Trends Report (Task 3). All studies pursuant to Task 3 have also been completed, including: the Parking Utilization and Use Study; Beach Use Survey and Management Plan; Sea Level Rise Vulnerability Assessment (funded through City funds and an OPC Sea Level Rise Planning Grant); and the Subsurface Stormwater

Runoff Analysis (partially funded through a Climate Ready Grant) (Task 3). An analysis of coastal dependent and coastal-related uses within the Hermosa Beach coastal zone was conducted and draft policy approaches were prepared to prioritize those uses within the coastal zone, including the City's expanded commercial recreation designation in the proposed General Plan (Task 4). Lastly, the City has increased its research efforts in parking, visitor-serving accommodation, and special events for developing Implementing Ordinances (Task 5).

- **Grant Term:** April 30, 2014 - April 30, 2016
- **LCP grant funds spent to date:** \$83,440.75

10) City of San Clemente – *Grant Total \$90,000*

- **Project Summary:** The City of San Clemente will complete and submit an LCP for certification, with the ultimate goal of transferring Coastal Development Permit authority to the City. Over the past three years, the City has been working on a new General Plan and Coastal Element. City staff has been coordinating with Coastal Commission staff on this effort. The Land Use Plan was last updated in 1995, and City staff began a LUP update in 2012. The grant project includes 1) completing a biological and ESHA inventory; 2) evaluating hazards related to the coastal canyon and bluff areas and developing policies and measures to mitigate threats, including threats from sea level rise; 3) completing the LCP for submittal to the Commission; and 4) taking final action to achieve certification as needed.
- **Work Completed:** In the pre-grant planning phase (Task 1), the City held a kickoff meeting to discuss the project scope and to identify key topics to address in the LCP. A Biological Inventory of coastal canyons and coastal bluffs and a GIS base map (Task 2) have been completed and are currently under review by Commission Staff. City Staff and the consultant team have also worked together to develop informational handouts, exhibits, and workshops for the public (Task 3), with public outreach ongoing. The City has also incorporated requested revisions to its draft LUP based on comments from Coastal Commission staff, the consultant team, and the City's internal department (Task 4). The City Planning Commission has also held five public meetings to discuss and provide comments to the draft LUP. At the last meeting, the Planning Commission determined that all of their comments had been addressed and recommended moving the draft forward to the City Council for review and approval once Coastal Commission staff provides their final review.
- **Grant Term:** April 30, 2014 - April 30, 2016
- **LCP grant funds spent to date:** \$55,904.00

11) City of Solana Beach – *Grant Total \$120,000*

- **Project Summary:** The City of Solana Beach will update and complete the Solana Beach Land Lease/Recreation Impact Mitigation Fee Study for shoreline protection devices, as well as an LCP amendment incorporating the methodology developed as part of the study. The study was first prepared in 2010 as part of the City's LCP, but was not completed due to a lack of funding. This grant will assist the City in completing the study and submitting an LCP amendment to incorporate the methodology into the City's LCP. The project will include review of the comments received on the 2010 report; consideration of sea level rise and changing erosion

rates; and updates to the report to ensure adequate representation of surfing resources, aesthetic values, and ecological values in the impact fee calculations.

- **Work Completed:** The City of Solana Beach has retained consultants to update the Land Lease/Recreation Fee Study as part of the grant project (Task 1). Coordination with CCC staff has continued with internal team coordination to address CCC staff comments on Task 3 and Task 4 deliverables also ongoing (Task 2). For data collection efforts and a review of the City's Certified LUP (Task 3), the City has compiled relevant information for the study, coordinated with Surfrider to obtain monitoring data, and received updates from CCC staff on the NOAA Beach Evaluation Study currently underway by SFSU consultants. City Staff have also worked on updating population counts and beach use to quantify and update beach area development. The City has also completed its revised Draft 2010 Fee Study after CCC revisions were incorporated (Task 4), while one public workshop has been held for gathering input on the fee study (Task 5); a second outreach workshop is expected to be completed in coordination with the release of the draft report findings or as a technical workshop on key study issues prior or after the release of the draft report. Internal coordination with the City Council over future LCP Ad Hoc Committee meetings also remains ongoing (Task 6), with an anticipated meeting to be held once the internal/administrative draft report is available for review and discussion. Lastly, preparation of the draft report and LUP Amendment is underway (Task 7), but is delayed due to the subsequent revisions needed to the methodology following the imminent release of the NOAA Beach Evaluation Study.
- **Grant Term:** May 30, 2014 - April 30, 2016
- **LCP grant funds spent to date:** \$52,860.40

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**California Coastal Commission Local Coastal Program
Planning Grant Program****FY 2014-2015 – 1st Status Report**

The following is a summary of the work completed under the 13 LCP Grant agreements for FY 2014-2015 from April 1, 2015 to June 30, 2015. Funds spent up to June 30, 2015 total \$18,116.13

1) Humboldt County – Grant Total \$125,000

- **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 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 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 initiated grant work by continuing its regional collaboration efforts (Task 1) with the Humboldt Bay Harbor Recreation and Conservation District (HBHRCD) and the Cities of Eureka and Arcata over the interim use of coastal dependent industrial (CDI) land uses. CDI data gathered by the City of Eureka and the HBHRCD has been received for mapping and policy assessment purposes (Tasks 1 and 5). The County also continues to coordinate closely with the Humboldt Bay Sea Level Rise Adaptation Planning Working Group, with a recent meeting held in June, and with Coastal Commission district staff (Task 1). Humboldt Bay-wide tsunami safety planning has also commenced with information received from NOAA regarding Tsunami Ready Status for unincorporated communities in Humboldt County (Task 3). County staff also met with NOAA staff and consulting staff to the California Geological Survey and California Office of Emergency Services to discuss the California Tsunami Land Use and Recovery Planning Work Program and the availability of probabilistic tsunami hazard analysis and mapping.
- **Grant Term:** April 27, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$0.00

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

- **Project Summary:** The City of Trinidad will complete a comprehensive update of its 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 launched its LCP grant project by developing and releasing a kick-off informational flyer and posting relevant LCP grant information, such as upcoming meetings on its website (Task 1). Climate Change planning (Task 2) was also initiated as the City began compiling existing information, including GIS data layers, and reviewing the CCC's SLR Guidance document. As part of its efforts in performing a needs assessment for its Implementation Plan (Task 3), the City initiated a review of its zoning ordinance to assess for data gaps and deficiencies. Likewise, consistency analysis between draft LUP elements and the CCC LCP Update Guide was carried out for the purpose of identifying inconsistencies with current Coastal Act policies and regulations. Lastly, a letter was drafted to send to Tribal entities to encourage and facilitate Tribal participation in the development of a Cultural Resources Element (Task 4).
- **Grant Term:** April 13, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$4,106.00

3) **City and County of San Francisco** – *Grant Total \$173,750*

- **Project Summary:** The City and County of San Francisco will amend its Local Coastal Program 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, policy development, and submittal of the Amendment to the Coastal Commission.
- **Work Completed:** The City and County of San Francisco has started work on its grant project by initiating and drafting its Public and Agency Engagement Plan (Task 1). Task-related work included a field visit to Ocean Beach with public involvement consultants held in May, the first Interagency Advisory Committee (kick-off meeting), and correspondence with select stakeholders (SFPUC, DPW, ZOO, Park & Rec, and SFMTA). A first and second draft of the Public and Agency Engagement Plan has been prepared, including the engagement vision, goals, objectives, and a list of committee members, with the Plan expected to be finalized after an August meeting with CCC staff.
- **Grant Term:** May 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$10,292.85

4) **City of Monterey** – *Grant Total \$235,000*

- **Project Summary:** The City of Monterey will prepare a new Local Coastal Program 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 LCP for Coastal Commission review and certification.
- **Work Completed:** The City of Monterey has commenced with its grant project by creating a web page with relevant links and an email notification list as part of its effort to develop an outreach program (Task 1). A social media platform, newsletter template, and web-based community questionnaire will be completed soon after the City hires a consultant, which will complete the deliverables for Task 1.
- **Grant Term:** May 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$0.00

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 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 and Implementation Plan, which will result in a comprehensively updated Local Coastal Program. The grant project will build off a sea level rise project funded by the 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:** In preparation of upcoming tasks to launch the grant project, the City of Morro Bay has prepared a request for proposals for grant-related work, including the OPC-financed sea level rise study and a LCP/General Plan update. An informational meeting was also held to discuss general concepts of the LCP grant project with members of the public.
- **Grant Term:** June 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$0.00

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 including a coastal hazard modeling and vulnerability assessment based on two regional databases that the County will compile. This phase is funded by the State Coastal Conservancy’s Climate Ready Grant Program and by the Local Coastal Program Sea Level Rise Adaptation Grant Program. Phase II includes the development of a Coastal Hazard Adaptation Plan and the LCP amendment, which is funded by the LCP Planning Grant Program.
- **Work Completed:** The County has scheduled its kick-off meeting (Task 1) and first stakeholder modeling and mapping meeting (Task 2) for the month of August. The County has also commenced with compiling GIS data, converting Census data in ArcGIS, and digitizing hard data of the coastline (of critical habitat and critical

infrastructure like roads) for the purpose of populating the regional resource database (Task 3).

- **Grant Term:** June 18, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$0.00

7) **City of Oxnard** – *Grant Total \$150,000*

- **Project Summary:** The City of Oxnard will complete a comprehensive update to its LCP according to the 2007 (revised 2013) LCP Update (Parts I and II) and the Coastal Commission's Sea Level Rise Policy Guidance Document. The grant project consists of interagency coordination and public involvement, the development of a Sea Level Rise Analysis and Adaptation Policies Report, and an update to the Land Use Plan and Implementation Plan.
- **Work Completed:** The City of Oxnard has invited qualified consultants to submit proposals by the end of July to prepare the Local Coastal Program update, with a meeting held in June for potential bidders. In addition, the City has met with SLR mapping consultants for the purpose of outlining the development of a SLR Map Atlas & Report (Task 2), while updates on the LCP update process at City Council and Planning Commission meetings has effectively set off the public outreach process as well (part of Task 9).
- **Grant Term:** June 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$0.00

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

- **Project Summary:** The City of Santa Monica will produce a new Local Coastal Program, consisting of a revised Land Use Plan and new Implementation Plan. The LCP will 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 polices, community engagement, developing an implementation plan structure, assessing climate vulnerability, and developing policies to address potential threats from climate change.
- **Work Completed:** The City has released its request for proposals and is in the process of selecting a consultant and identifying and hiring a grant-funded assistant planner for the duration of the grant project. Other grant-related tasks have not been initiated.
- **Grant Term:** April 13, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$0.00

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

- **Project Summary:** The City of Los Angeles will prepare a new Local Coastal Program for the Venice LCP segment based on work completed as part of a grant that the City Planning Department received from the Coastal Commission in fiscal year 2013-14. This second phase of the grant project will see the preparation of a Local Coastal Program for the Venice Community of Los Angeles. The Venice LCP will act as a pilot LCP, providing the City a foundation upon which to develop future LCPs in other segments within the City. This grant project consists of updating the Land Use Plan and drafting a new Implementation Plan through an analysis of climate change impacts, as well as drafting policies to address sea level rise.

- **Work Completed:** The City of Los Angeles has not commenced with any Phase II Local Coastal Program Grant work. The first tasks are expected to be initiated in August 2015.
- **Grant Term:** June 29, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$0.00

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 commenced with phase II tasks with the completion of the Public Review Draft of the Implementation Plan (under phase I) and its posting on the City's website and mailing to community members and civic organizations (Task 1). Moreover, as part of its community outreach efforts (Task 1), the City has conducted a series of community workshops in which the Public Review Draft was exhibited and explained. Planning Commission and City Council Study sessions have also been completed, with additional workshops and study sessions to be held as needed. Lastly, 13 chapters of the Draft Implementation Plan were revised and a new chapter was added based on CCC staff comments (Task 3).
- **Grant Term:** May 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$2,061.09

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

- **Project Summary:** The County of San Diego will update its existing Local Coastal Program to reflect present community conditions and the potential effects of climate change and sea level rise. 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 has drafted its project charter, formed the project team and the Stakeholder Group (including local CCC staff), reviewed a draft County webpage, and continued to work on developing a methodology for LUP development and identification of key issues. The County has also coordinated a kick-off meeting with Coastal Commission staff to refine the grant schedule, discuss project details, and develop key issue areas. LCP maps were also discussed with local CCC staff that will coordinate with the CCC mapping unit on the development of LCP maps for the LUP (under Task 4).
- **Grant Term:** May 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$1,656.19

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

- **Project Summary:** The City of Carlsbad will update its Local Coastal Program and obtain certification for its Areas of Deferred Certification within the City’s coastal zone. Certification of a fully updated LCP will be based upon policies and adaptation measures for sea level rise, and includes 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 has initiated its commencement phase of the grant project by preparing and releasing its Request for Proposals for potential consultants (Task 1). At present, consultant proposals are being evaluated and the selection process is nearing completion, with the City in discussions with a leading consultant over project specifics.
- **Grant Term:** April 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$0.00

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

- **Project Summary:** The City of Del Mar will submit an amendment to its Local Coastal Program that will incorporate adaptation strategies into its certified LCP. The LCP Amendment will address sea level rise 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. Following the drafting of the LCP Amendment and its adoption by the City Council, the City will submit the LCP Amendment to the Coastal Commission for review and certification.
- **Work Completed:** The City of Del Mar has selected its consultant following a review of proposals (Task 1). The City Council has also established a Stakeholder Technical Advisory Committee (Task 1).
- **Grant Term:** April 16, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$0.00