

# CITY OF OCEANSIDE LOCAL COASTAL PROGRAM UPDATE

## PUBLIC WORKSHOP #2 SUMMARY



The City is undertaking the Local Coastal Program Update in partnership with the California Coastal Commission and the Coastal Conservancy. These two agencies have made the project financially feasible by contributing \$200,000 in grant funding. Once adopted by the City Council, the updated Local Coastal Program will require certification by the Coastal Commission.

## WHEN AND WHERE

February 19, 2019

5:30PM – 7:30PM

City Council Chambers

300 North Coast Highway

Oceanside, CA

## WORKSHOP OVERVIEW AND OBJECTIVES

The City of Oceanside has initiated an update of its Local Coastal Program (LCP). The City adopted its current LCP in 1986. Over the past 31 years, the City's coastal zone has seen considerable change, necessitating a comprehensive LCP update that both acknowledges progress in achieving Coastal Act goals and addresses ongoing and emergent issues occasioned by physical conditions, evolving policies and regulations, and new information about coastal hazards. As the potential impacts of sea level rise and associated coastal hazards become more apparent, it is the State's expectation that Oceanside will study its vulnerability to these phenomena and prepare adaptation strategies. Thus, the vulnerability assessment and adaptation planning will be key aspects of the LCP Update.

Public Workshop #2 was held on February 19<sup>th</sup> as the second in a series of public workshops for the LCP Update. Objectives for the workshop included:

- Review the Local Coastal Program update process
- Collect public input to inform the guiding principles
- Present draft adaptation strategies relevant to Oceanside
- Collect public input and discussion on the draft adaptation strategies
- Increase awareness of trade-offs associated with adaptation strategies
- Demonstrate a clear and transparent process

## NOTIFICATIONS

Notifications for Public Workshop #2 were provided via the following:

- City webpage
- Email to interested parties
- Facebook, other social media

### Past Community Engagement Events

- Stakeholder Interviews (November 2017)
- Turkey Trot Booth (November 2017)
- King Tide Event (January 2018)
- Pier Event Booth (February 2018)
- Public Workshop #1 (November 2018)

### Ongoing Engagement Activities

- Online Surveys
- Email Updates
- Project Webpage

[https://www.ci.oceanside.ca.us/gov/dev/planning/local\\_coastal.asp](https://www.ci.oceanside.ca.us/gov/dev/planning/local_coastal.asp)

- Signage at major intersections in the coastal zone
- Direct outreach to community groups
- Press release
- Direct mailing to all properties within the 2100 hazard zone as depicted in the Coastal Hazards Vulnerability Assessment

## WORKSHOP FORMAT AND ACTIVITIES SUMMARY

### Registration

A welcome table provided information about the workshop including an agenda and an LCP overview handout. Attendees were asked to sign-in even if they were already on the City's email subscription list. Approximately 100 people attended the workshop.

Copies of the materials provided at the registration table along with the sign in sheet are attached in Appendix A.

### Presentation

#### Introduction

Russ Cunningham, Principal Planner and LCP Update Project Manager, welcomed the attendees and introduced the project team. Russ presented the format and purpose of the workshop. He described steps already taken by the City to start planning for sea-level rise, including the Coastal Hazards Vulnerability Assessment report that is available online and the workshop convened in November 2018. He acknowledged interest by the community in improving the permit process for shoreline armoring, and indicated that that was something the City would be looking to streamline. [KLI] However, Russ indicated that the focus for tonight's workshop was a long-term planning exercise to prepare the community for adapting to sea-level rise related coastal hazards.

#### Background and Adaptation Plan Guiding Principles

The next presentation was given by Reema Shakra with Environmental Science Associates, the consulting firm assisting the City with the update. Reema outlined the workshop agenda, the purpose of the LCP update, and steps involved in the update. She then described the findings of the Coastal Hazards Vulnerability Assessment report, summarized below:

- Oceanside Harbor is at-risk of increased flooding and wave action during larger storms. The Harbor could be flooded on a daily basis limited access to Harbor Drive, parking lots and restaurants. By 2100, Oceanside Harbor could be inaccessible due to daily flooding.
- Beach erosion is an ongoing issue for Oceanside, particularly south of the Pier. Sea-level rise will continue to erode sand from Oceanside beaches. Between 2040 and 2070, all beaches south of San Luis Rey River could be completely lost from erosion or underwater.

Project Team/Presenters

City Staff

Russ Cunningham (Presenter)

Jeff Hunt

Scott Nightingale

Shannon Vitale

Elizabeth XXX

ESA (Consultant)

Reema Shakra (Presenter)

Lindsey Sheehan (Presenter)

Hennessy Miller

- Beachfront properties and public facilities see wave action and flooding during larger storm events. As sea-level rise occurs, it is expected that the extent and frequency of the flooding and wave damage would increase. By 2100, flooding from large storm events are expected to extend landward to the base of the bluffs in the northern portion of the city's coast and to the first row of houses in the southern portion of the city.
- Properties south of Paradise by the Sea hotel to Robert's Cottages on the Strand may be flooded on a daily basis during high tide by 2040.
- Flooding during larger storms from the San Luis Rey River, Loma Alta Creek, and Buena Vista Lagoon is expected to continue with sea-level rise, with flood events become more frequent and severe. Properties currently subject to flooding during larger storms will continue to see flooding.

Reema emphasized that the Coastal Hazards Vulnerability Assessment report identified areas at-risk with the assumption that the City and private property owners do not take action to adapt to sea-level rise. However, the purpose of the workshop was to begin the conversation with the community on how to plan for and adapt to sea-level rise to avoid and/or minimize impacts from sea-level rise.

Reema asked the audience to respond to 6 survey questions using PollEverywhere, a real-time audience participation tool. Hard copy survey questionnaires were distributed to workshop attendees who did not use their cellphones. The questions and results are provided in Appendix B.

### **City of Oceanside Adaptation Planning Overview**

Lindsey Sheehan, Coastal Engineer with ESA, provided an overview of the Adaptation Plan. The presentation walked through the adaptation planning process, likening the Coastal Hazards Vulnerability Assessment to diagnosis of the problem, the Adaptation Plan to the tool kit and instruction manual to help fix the problem, and the updated LCP policies to implementation or using the tools to fix the problem. Lindsey described how adaptation planning helps keep the amount of risk from coastal hazards to an acceptable level and serves as a framework to monitor, plan, and reevaluate adaptation strategies. Lindsey described what would go into an Adaptation Plan and what would not be a part of the plan. She explained how adaptation strategies would fit within three types of strategies, including protection, accommodation, and retreat. Lindsey indicated that the Adaptation Plan will focus on three hazard areas: Beach areas and coastal flooding, riverine flooding, and harbor flooding. Adaptation strategies will be identified for each hazard area, and for each category (protection, accommodation, and retreat).

A copy of the presentation is provided in Appendix C and is also posted on the City's webpage.

### **Open House**

#### **Posters**

After the presentation, attendees were asked to visit the following posters and engage directly with City and consultant staff. Posters are provided in Appendix D and are also posted on the City's webpage.

- Beachfront Adaptation Strategy Posters
  - Coastal sediment management
  - Sand retention structures
  - Shoreline protection devices

- Raise/reinforce the Pier
- Beachfront, Coastal Watersheds, Small Craft Harbor Adaptation Strategy Posters
  - Elevate structures and/or property grade
  - Managed retreat
  - Levees with wetland restoration
- Coastal watershed adaptation strategy posters
  - River and creek channel management
  - Raise the breakwater
- Small Craft Harbor adaptation strategy posters
  - Raise the marina facilities
  - Abandon the Harbor
- Guiding Principles
  - Priority features and considerations
  - California Coastal Commission guidance

### **Feedback during Open House<sup>[RS2]</sup>**

#### **Existing Hazards**

- Many people shared their observations of past storm events and identified their specific properties that had sustained damage in the past

#### **Sea-level Rise Projections**

- Questions regarding the validity of the sea-level rise projections used to inform the Coastal Hazards Vulnerability Assessment

#### **Adaptation Strategies**

- Discussions regarding shoreline armoring, harbor abandonment, management of the Buena Vista Lagoon, and managed retreat
- Support for beach nourishment activities, particularly the ongoing Army Corps of Engineers annual efforts to dredge the Harbor. Concern and surprise was expressed that the Army Corps of Engineers did not complete the sand bypassing project in 2018 because they missed the permitting deadline. Sand nourishment activities were perceived as effective in protecting beachfront properties during storm events because the sand tempered the energy of the waves.

#### **Information Needed**

- Questions on permitting process and the type of technical reports that should be prepared to allow for construction or maintenance of existing armoring in the face of increasing risks from sea-level rise.

### **Adaptation Planning Survey Questions**

Reema concluded the open house portion of the workshop and asked the audience to reconvene to answer a series of questions on adaptation planning. Using PollEverywhere, Reema asked 15 questions. Hard copy survey questionnaires were distributed to workshop attendees who did not use their cellphones. The questions and results are provided in Appendix B.

**[PLACEHOLDERS – THESE WILL NEED TO BE INSERTED]**

**Appendix A**

- Agenda
- LCP Overview Handout
- Sign In Sheet

**Appendix B**

- PollEverywhere Survey Results

**Appendix C**

- PowerPoint Presentation

**Appendix D**

- Open House posters