

Chapter 3

Environmental Analysis

3.1 Introduction

The following chapters contain a discussion of the possible effects of the proposed project for the specific issue areas identified by the LAHD. The LAHD has used both the West Channel/Cabrillo Marina Phase II Development Project Draft SEIR (LAHD 1998) and input received during the 1998 Draft SEIR public review period to determine the scope of this Recirculated Draft SEIR. Chapters 3.1 through 3.14 discuss issues found to be potentially significant and environmental issues found not to be significant.

To assist the reader in comparing information about the various environmental issues, Chapters 3.1 through 3.14 each present the following information for their specific issue area:

- Introduction
- Setting
- Impacts and Mitigation
 - Methodology
 - Thresholds of Significance
 - Project Impacts
 - Cumulative Impacts
 - Mitigation Monitoring Plan Summary

In addition, the Executive Summary includes a table that compares all the impacts by environmental issue.

3.2 Terminology Used in This Recirculated Draft SEIR

For each impact identified in this Recirculated Draft SEIR, a statement of the level of significance of the impact is provided. The level of significance is determined by applying the threshold of significance presented for each issue area. Impacts are then categorized using one of the following designations:

- a designation of no impact is given when no adverse changes in the environment are expected;
- a less-than-significant impact would cause no substantial adverse change in the environment;
- a significant (but mitigable) impact would have a substantial adverse impact on the environment, but could be reduced to a less-than-significant level with mitigation;
- a significant unavoidable impact would cause a substantial adverse effect on the environment, and no feasible mitigation measures would be available to reduce the impact to a less-than-significant level; and
- residual impacts describe the magnitude of an environmental impact after implementation of mitigation measures.

3.3 Requirements for Cumulative Impact Analysis

The State CEQA Guidelines (Section 15130) require a reasonable analysis of the significant cumulative impacts of a proposed project. Cumulative impact is referred to as “two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts” (State CEQA Guidelines, Section 15355).

Potential cumulative impacts are further described as follows:

- (a) The individual effects may be changes resulting from a single project or a number of separate projects.
- (b) The cumulative impacts from several projects are the change in the environment which results from the incremental impact of the project when added to other closely related past, present, and reasonable foreseeable probable future projects. Cumulative impacts can result from individually minor but collectively significant projects taking place over a period of time (State CEQA Guidelines, Section 15355[b]).

Furthermore, according to State CEQA Guidelines Section 15130(a)(1):

As defined in Section 15355, a “cumulative impact” consists of an impact that is created as a result of the combination of the project evaluated in the EIR together with other projects causing related impacts. An EIR should not discuss impacts which do not result in part from the project evaluated in the EIR.

In addition, as stated in the State CEQA Guidelines, Section 15064(i)(5), it should be noted that:

The mere existence of significant cumulative impacts caused by other projects alone shall not constitute substantial evidence that the proposed project’s incremental effects are cumulatively considerable.

Therefore, the cumulative impacts discussion in an EIR focuses on whether the impacts of the proposed project are cumulatively considerable within the context of impacts caused by other past, present, or future projects. The cumulative impact scenario should consider other projects proposed within the area that have the potential to contribute to cumulatively considerable impacts.

For this Recirculated Draft SEIR, cumulative impacts were analyzed using one of two methodologies. Most of the resource areas were analyzed using a list of reasonable foreseeable projects that would be constructed in the project region. This listing is provided in the following section. Traffic and circulation (Chapter 3.2), air quality (Chapter 3.3), and noise (Chapter 3.4) were also assessed using annual regional growth and development rates, as discussed in Chapter 3.2

3.4 Projects Considered in the Cumulative Impact Analysis

A total of 30 approved or proposed projects were identified within the general vicinity of the West Channel that could contribute to cumulative impacts. Development of other related projects through the year 2020 may also contribute to cumulative impacts. A list of cumulative projects provided by the LAHD and LADOT is provided in Table 3-1. The locations of these projects are shown on Figure 3-1. The traffic analysis (Appendix B) used 12 of the 30 projects since only that subset of projects would impact the study area intersections.

Sections 3.1 through 3.14 discuss, as applicable, the approved and proposed projects in the vicinity of the proposed Cabrillo Way Marina project, and the potentially significant adverse combined impacts of those projects. This evaluation describes the potential for the proposed project to contribute to impacts that would result from the combination of recent past, present, or future projects in the area. The evaluation for these cumulative projects is based on the threshold criteria defined for the project-related impact analyses in each section of the Recirculated Draft SEIR.

Table 3-1. Cumulative Projects

ID No.	Project	Description	Status
1	Piers D, E & F Terminal Redevelopment, Port of Long Beach (POLB)	Expansion of existing marine container terminal	Approved, construction pending
2	Pier G & J Terminal Redevelopment, POLB	Redevelopment of two existing marine container terminals into one terminal	Approved, construction underway
3	Pier A Expansion, POLB	Expansion of an existing marine container terminal	Conceptual project
4	Long Beach Naval Complex Disposal and Reuse, U.S. Navy and POLB	Development of a container terminal, liquid bulk facility, and satellite launch facility	Approved, construction underway
5	Pier S Marine Terminal, POLB	Development of a 150-acre terminal	Approved, construction underway
6	Pier 400 Container Terminal and Transportation Corridor, POLA	Element of the 2020 Plan Deep Draft Navigation Improvements: dredging, land filling, and marine terminal construction	Approved project, Phase I construction completed; Phase II construction underway
7	West Basin Marine Terminal Improvements, POLA	Wharf construction, container terminal expansion, wharf and terminal upgrade, filling of harbor waters, street realignment, remediation and modification of liquid bulk facilities	EIR being prepared
8	West Basin Phase I Transportation Improvements Program, POLA	Construction of a rail yard and consolidation of two terminals.	Approved, construction underway
9	West Basin Phase II & III Transportation Improvements Program, POLA	Construction of a rail yard and consolidation of two terminals.	EIS/SEIR being completed
10	Evergreen Backlands Improvements, POLA	Container terminal modifications	Approved project
11	Channel Deepening, POLA	Dredging and sediment disposal	Approved, construction underway
12	Carnival Cruise Terminal, City of Long Beach/POLB	Construction of a cruise terminal	Approved, construction underway
13	RMS Queen Mary Seaport, City of Long Beach/POLB	Construction of a variety of retail and entertainment uses and parking structures	Approved, construction underway
14	Marriott Hotel, City of Long Beach	Development of a hotel	Approved, construction

ID No.	Project	Description	Status
			underway
15	D'Orsay Hotel, City of Long Beach	Development of a hotel	Approved, construction underway
16	Long Beach Plaza Mall Redevelopment, City of Long Beach	Development of commercial and residential space	Approved, construction underway
17	Pike Property Development, City of Long Beach	Development of residential units and an office building or hotel	Approved, construction underway
18	Queensway Bay Master Plan, City of Long Beach	Construction of Long Beach Aquarium, new urban harbor, office building, and entertainment complex	Approved, construction underway
19	Wilmington Parkway, Harry Bridges Blvd.	The realignment and widening of Harry S. Bridges Boulevard, acquisition/condemnation of properties, expansion of container terminal backlands, construction of a berm and associated recreational facilities	SEIR being prepared
20	Waterfront Promenade	Pedestrian walkway along the western shore of the Main Channel south of the Vincent Thomas Bridge	Conceptual project
21	Fisherman's Village	Relocation of restaurant and fish market from Ports O' Call; new retail; pedestrian promenade	Conceptual project
22	Fishing Reef	Artificial reef to be sited south of the San Pedro Breakwater	Negative Declaration being prepared
23	Pacific Corridors Redevelopment Project	Development of commercial/retail, manufacturing, and residential components	Project underway
24	Cabrillo Marine Aquarium Expansion	Expansion of existing Cabrillo Marine Aquarium	Construction underway
25	Regal Theater	New 1-screen movie theater	Approved project
26	Gas Station and Mini-Mart	New gas station and mini-mart	Approved project
27	Nightclub/Sports Bar	New 17,000-square foot nightclub/sports bar	Approved project
28	Mt. Sinai Missionary Baptist Church	New 15,000-square foot church	Approved project
29	15 th Street Elementary School in San Pedro	LAUSD's construction of additional classrooms at 15 th Street Elementary School. Construction scheduled to begin by late 2003	Approved project