Volume 2: Draft EIR Appendices A-B

ERRITOS WETLAMPS

DATION & RESTOR

NECT

Los Cerritos Wetlands Oil Consolidation and Restoration Project

Draft Environmental Impact Report | State Clearinghouse #2016041083

July 2017

Prepared for City of Long Beach



LOS CERRITOS WETLANDS OIL CONSOLIDATION AND RESTORATION PROJECT

Draft Environmental Impact Report State Clearinghouse #2016041083

Volume 2: Draft EIR Appendices A-B

Prepared for City of Long Beach July 2017

Planning Bureau, Development Services Department 333 West Ocean Boulevard, 5th Floor Long Beach, CA 90802

626 Wilshire Boulevard Suite 1100 Los Angeles, CA 90017 213.599.4300 www.esassoc.com

Bend	Oakland	San Francisco
Camarillo	Orlando	Santa Monica
Delray Beach	Pasadena	Sarasota
Destin	Petaluma	Seattle
Irvine	Portland	Sunrise
Los Angeles	Sacramento	Tampa
Miami	San Diego	



150712.00

OUR COMMITMENT TO SUSTAINABILITY | ESA helps a variety of public and private sector clients plan and prepare for climate change and emerging regulations that limit GHG emissions. ESA is a registered assessor with the California Climate Action Registry, a Climate Leader, and founding reporter for the Climate Registry. ESA is also a corporate member of the U.S. Green Building Council and the Business Council on Climate Change (BC3). Internally, ESA has adopted a Sustainability Vision and Policy Statement and a plan to reduce waste and energy within our operations. This document was produced using recycled paper.

CONTENTS Los Cerritos Wetlands Oil Consolidation and Restoration Project Draft EIR

VOLUME 2: DRAFT EIR APPENDICES A-B

Appendix A	Initial St	Initial Study / Notice of Preparation	
	A1	Notice of Preparation	
	A2	Notice of Preparation Comment Letters	
	A3	Initial Study	
Appendix B	Air Quality and Greenhouse Gas Emissions		
	B1	Air Quality Assessment	
	B2	Health Risk Assessment	
	ВЗ	Greenhouse Gas Assessment	
	D 4		

B4 Greenhouse Gas Mitigation White Paper

PUBLISHED UNDER SEPARATE COVER

VOLUME 1: DRAFT EIR

Executive Summary

- Chapter 1 Introduction
- Chapter 2 Project Description

Chapter 3 Environmental Setting, Impacts, and Mitigation Measures Introduction to the Environmental Analysis

- 3.1 Aesthetics
- 3.2 Air Quality
- 3.3 Biological Resources
- 3.4 Cultural Resources
- 3.5 Geology, Seismicity, and Soils
- 3.6 Greenhouse Gas Emissions
- 3.7 Hazards and Hazardous Materials
- 3.8 Hydrology and Water Quality
- 3.9 Land Use and Planning
- 3.10 Mineral Resources
- 3.11 Noise
- 3.12 Population and Employment

Chapter 7

	3.13	Public Services
	3.14	Recreation
	3.15	Transportation and Traffic
	3.16	Tribal Cultural Resources
	3.17	Utilities and Service Systems
	3.18	Energy Consumption
Chapter 4	Other	CEQA Considerations
Chapter 5	Alternatives	
Chapter 6	Report Preparers	

VOLUME 3: DRAFT EIR APPENDICES C-D

Appendix C **Biological Resources** С1 Biological Technical Report and Jurisdictional Delineation C2 **Restoration Plan** Environmentally Sensitive Habitat Areas Technical Memorandum C3 Appendix D **Cultural Resources**

Abbreviations/Acronyms and Glossary

D1 Historic Resources Assessment

- D2 Archaeological Resources Assessment
- D3Paleontological Resources Assessment

VOLUME 4: DRAFT EIR APPENDICES E-F3

Appendix E **Geotechnical Reports** E1 Geotechnical Study for the Pumpkin Patch Site E2 Geotechnical Study for the LCWA Site E3 Limited Alquist-Priolo Fault Zone Evaluation E4Soil and Groundwater Assessment for the Pumpkin Patch Site E5 Oil Drilling and Production Overview White Paper E6 Induced Seismicity White Paper E7Water Injection White Paper E8 Pipeline Design Assessment

Appendix F **Environmental Site Assessments and Sampling Results**

- F1 Phase I Environmental Site Assessment for the Synergy Oil Field Site
- F2 Phase I Environmental Site Assessment for the City Property Site
- F3 Phase I Environmental Site Assessment for the Pumpkin Patch Site

VOLUME 5: DRAFT EIR APPENDICES F4-K

Appendix F	Environ	Environmental Site Assessments and Sampling Results [continued]			
	F4	Phase I Environmental Site Assessment for the LCWA Site			
	F5	Sampling Description and Results and Mitigation Measures for the LCWA Site			
	F6	Asbestos and Lead-Based Paint Sampling for the Bixby Structure			
	F7	Proposed Sampling Locations for the City Property Site			
	F8	Sampling Analytical Results for LCWA Site			
Appendix G	Hydrolog	Hydrological Studies			
	G1	Preliminary Drainage Study			
	G2	Low Impact Development Plan			
	G3	Updated Sea Level Rise Impact Analyses			
	G4	First Semiannual Groundwater Monitoring Report (October 2016 to April 2017)			
Appendix H	Noise A1	nalyses Report			
Appendix I	Traffic N	Iemoranda			
	I1	Lyon Communities Traffic Analysis			
	<i>I</i> 2	Pumpkin Patch Construction Phase Traffic Generation			
	I3	Pumpkin Patch Construction Trip Generation Summary			
	I4	Pumpkin Patch Trash Removal/Export Trip Generation			
Appendix J	Energy C	Energy Consumption Calculations			

[THIS PAGE INTENTIONALLY LEFT BLANK]