

# TABLE OF CONTENTS

Section	Page
<b>ACRONYMS AND ABBREVIATIONS</b> .....	<b>iii</b>
<b>EXECUTIVE SUMMARY</b> .....	<b>ES-1</b>
Introduction .....	ES-1
Summary Description of the Proposed Project.....	ES-1
Major Conclusions of the Environmental Analysis.....	ES-2
Public Involvement and Next Steps.....	ES-2
<b>1 INTRODUCTION</b> .....	<b>1-1</b>
1.1 Background of Purpose of the SEIR.....	1-1
1.2 Scope of the Draft SEIR .....	1-3
1.3 Draft SEIR Contents and Organization.....	1-3
1.4 Documents Incorporated by Reference.....	1-4
1.5 Draft SEIR Review and Public Comment.....	1-4
<b>2 PROJECT DESCRIPTION</b> .....	<b>2-1</b>
2.1 Project Background, Need, and Objectives .....	2-1
2.2 Summary Description of the Phase 2 Project Analyzed in the 2007 Landside EIR .....	2-4
2.3 Modifications to the Phase 2 Project Since Certification of 2007 Landside EIR .....	2-8
<b>3 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION</b> .....	<b>3-1</b>
3.1 Approach to the Environmental Analysis .....	3.1-1
3.2 Hydrology and Water Quality.....	3.2-1
3.3 Terrestrial Biological Resources.....	3.3-1
3.4 Cultural Resources .....	3.4-1
3.5 Noise .....	3.5-1
<b>4 REFERENCES</b> .....	<b>4-1</b>
<b>5 LIST OF PREPARERS</b> .....	<b>5-1</b>

## APPENDICES

*(On a CD on the back cover)*

A	Public Outreach
	A1. Notice of Preparation and Comments Received
	A2. Public Outreach Materials for October 22, 2008 Scoping Meeting
B	Hydrology and Water Quality
	B1. Evaluation of Cutoff Walls Impact on Groundwater Recharge Sacramento River East Levee (December 2007)
	B2. Evaluation of Potential Groundwater Impacts (August 2008)
C	Cultural Resources Programmatic Agreement

# TABLE OF CONTENTS

Section	Page
---------	------

## EXHIBITS

2-1	Project Location .....	2-2
2-2	Natomas Basin Levee System .....	2-3
2-3	Levee Segments Requiring Seepage Remediation and Levee Height Increases.....	2-5
2-4	Underseepage and Through-Seepage Levee Risks .....	2-7
2-5	Overview of the Proposed Phase 2 Project Features .....	2-9
2-6	Alternative Methods for Increasing Levee Height .....	2-11
2-7	Typical Levee Raise, Flattening of landside Levee Slope, and Seepage Cutoff Wall .....	2-12
2-8	Typical Seepage Berm .....	2-13
2-9	Typical Relief Well .....	2-14
2-10	Borrow Sites and Anticipated Haul Routes.....	2-15

## TABLES

ES-1	Summary of Impacts and Mitigation Measures .....	ES-4
3.2-1	Simulated Groundwater Budget for Natomas Basin—Existing Conditions .....	3.2-3
3.3-1	Permanent Effects of the NLIP on Giant Garter Snake Habitat .....	3.3-6
3.3-2	Permanent Effects of the NLIP on Swainson’s Hawk Foraging and Nesting Habitat .....	3.3-9
3.3-3	Permanent Effects of the Project on Swainson’s Hawk Nesting Habitat (in acres).....	3.3-10
3.4-1	Identified Cultural Resources in the Phase 2 Project Modification Footprint .....	3.4-3

## ACRONYMS AND ABBREVIATIONS

2007 Landside EIR	<i>Environmental Impact Report on the Natomas Levee Improvement Program, Landside Improvements Project</i>
afy	acre-feet per year
Airport	Sacramento International Airport
APE	area of potential effects
BMP	best management practices
CEQA	California Environmental Quality Act
CNEL	community noise equivalent level
CRHR	California Register of Historical Resources
dBA	A-weighted decibel scale
DWR	California Department of Water Resources
EIR	environmental impact report
HAER	Historic American Engineering Record
HPTP	Historic Preservation and Treatment Plan
L <sub>dn</sub>	day-night average noise level
LSCE	Luhdorff & Scalmanini Consulting Engineers
MLD	Most Likely Descendant
MMRP	mitigation monitoring and reporting plan
NAHC	Native American Heritage Commission
NBHCP	Natomas Basin Habitat Conservation Plan
NCC	Natomas Cross Canal
NHPA	National Historic Preservation Act
NLIP	Natomas Levee Improvement Program
NOP	notice of preparation
NPDES	National Pollutant Discharge Elimination System Permits
NRHP	National Register of Historic Places
PA	programmatic agreement
Phase 2 Project SEIR	Landside Improvements Project EIR for the Phase 2 Project
PRC	Public Resources Code
RD	Reclamation District
SAFCA	Sacramento Area Flood Control Agency
SHPO	State Historic Preservation Officer
SRFCP	Sacramento River Flood Control Project
TNBC	The Natomas Basin Conservancy
VELB	valley elderberry longhorn beetle