

# Natomas Levee Improvement Program Bank Protection Project

## Draft Environmental Impact Report

State Clearinghouse # 2007062017

September 2007



Prepared for:

**SAFCA** Sacramento Area Flood Control Agency

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**Natomas Levee Improvement Program  
Bank Protection Project**

**Draft Environmental Impact Report**

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September 2007

Jones & Stokes. 2007. Natomas Levee Improvement Program  
Bank Protection Project. Draft Environmental Impact Report. September. (J&S  
06677.07). Sacramento, CA.

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# Acronyms and Abbreviations

APE	area of potential effects
B.P.	before present
BA	biological assessment
BAAQMD	Bay Area Air Quality Management District
basin plans	water quality control plans
BMPs	best management practices
BO	biological opinion
CAA	Clean Air Act
Cal-EPA	California Environmental Protection Agency
Cal-OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CNDDB	California Natural Diversity Database
CO	carbon monoxide
CRHR	California Register of Historic Resources
CVP	Central Valley Project
CWA	Clean Water Act
D50	median particle diameter of the bank
dB	Decibel
dBA	A-Weighted Decibel

dbh	diameter measured at breast height
Delta	Sacramento–San Joaquin River Delta
DFG	California Department of Fish and Game
DPS	Distinct Population Segment DPS
DWR	California Department of Water Resources
EFH	essential fish habitat
EIR	environmental impact report
EMD	Environmental Management Department
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
ESAs	federal and California Endangered Species Acts
ESU	evolutionarily significant unit
FEIR	final EIR
FEMA	Federal Emergency Management Agency
Fps	feet per second
FR	Federal Register
FRAQMD	Feather River Air Quality Management District
FTA	Federal Transit Administration
GCID	Glenn-Colusa Irrigation District
GHG	greenhouse gas
HCP	habitat conservation plan
HWCL	Hazardous Waste Control Law
IWM	instream woody material
Leq	Equivalent Sound Level
LNWI	Lower Northwest Interceptor
Local Funding EIR	Environmental Impact Report on Local Funding Mechanisms for Comprehensive Flood Control Improvements for the Sacramento Area
Lxx	Percentile-Exceeded Sound Level
MBTA	Migratory Bird Treaty Act
mg/L	milligrams per liter
MOA	memorandum of agreement
MSA	Magnuson-Stevens Fishery Conservation and Management Act

NAHC	Native American Heritage Commission
NBHCP	Natomas Basin Habitat Conservation Plan
NCC	Natomas Cross Canal
NCIC	North Central Information Center
NEIC	Northeast Information Center
NEMDC	Natomas East Main Drainage Canal
NFIP	National Flood Insurance Program
NLIP	Natomas Levee Improvement Program
NMWC's	Natomas Central Mutual Water Company's
NNCP	Natomas Community Plan
NOP	notice of preparation
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register for Historic Places
OES	Office of Emergency Services
ONC	Office of Noise Control
OSHA	Occupational Safety & Health Administration
PFDs	personal flotation devices
PGCC	Pleasant Grove Creek Canal
PM10	particulate matter 10 microns in diameter or less
ppt	parts per thousand
PRC	Public Resources Code
RBDD	Red Bluff Diversion Dam
RCRA	Resource Conservation and Recovery Act
RD	Reclamation District
ROG	reactive organic gases
RWQCB	Regional Water Quality Control Board
RWQC	Regional Water Quality Control Board
SACOG	area. Sacramento Area Council of Governments
SAFCA	Sacramento Area Flood Control Agency
Salmon FMP	Pacific Coast Salmon Fishery Management Plan
SAM	Standard Assessment Methodology
SCAS	Sacramento county Airport System

SEIS	supplemental environmental impact statement
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMARA	Surface Mining and Reclamation Act
SMF Master Plan	Sacramento International Airport Master Plan
SMUD	The Western Area Power Administration of the U.S. Department of Energy, the Sacramento Municipal Utility District
SR	State Route
SRA	shaded riverine aquatic
SRFCP	Sacramento River Flood Control Project
SSCI/C	South Sutter County Industrial/Commercial
SVAB	Sacramento Valley Air Basin
SWP	State Water Project
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
TNBC	The Natomas Basin Conservancy
TSS	total suspended solids
UNWI	Upper Northwest Interceptor
USACE	U.S. Army Corps of Engineers
USGS	United States Geological Survey
VELB	valley elderberry longhorn beetle
WRIs	weighted response indices
WSEL	water-surface elevation