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Appendix B – Federal Biological Compliance

Appendix C – Biological Field Report

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Appendix F – Transportation Methods and Assumptions

Appendix G – Noise Methodology and Assumptions

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Acronyms and Abbreviations

ACHP	Advisory Council on Historic Preservation
ADA	Americans With Disabilities Act
ADT	Average Daily Traffic/Average Daily Trips
AF	Acre-foot/Acre-feet
Agreement	Water Forum Agreement
AMP	Amphibians
AMS	American Meteorological Society
AMSL	Above mean sea level
APCD	Air Pollution Control District
APE	Area of Potential Effect
AQAP	Air Quality Attainment Plan
AQMD	Air Quality Management District
ARB	Air Resources Board
ARMR	Archaeological Resource Management Reports
ARWI	American River Watershed Investigation
AST	Aboveground Storage Tank Facilities
ATCMs	Airborne Toxic Control Measures
BACT	Best Available Control Technology
BP	Before Present
Bgs	Below ground surface

Contents

BISC	Boating Instruction Safety Centers
BLM	US Bureau of Land Management
BMPs	Best Management Practices
°C	Degrees Celsius
CA	California
CA FID UST	California Facility Inventory Database
CA WDS	California Water Resources Control Board – Waste Discharge System
CAA	Clean Air Act
CAAQS	California ambient air quality standards
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAS	Corrective Action Study
CCAA	California Clean Air Act
CCR	California Code of Regulations
CCTS	Central California Taxonomic System
CCTV	Closed Circuit Television
CDCR	California Department of Corrections and Rehabilitation
CDFA	California Department of Food and Agriculture
CDFG	California Department of Fish and Game
CDL	Clandestine Drug Labs
CDPR	California Department of Parks and Recreation
CE	Species that is State listed as endangered
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFCP	California Farmland Conservancy Program
CFP	State fully protected species
CFR	Comprehensive Facility Review Code of Federal Regulations
Cfs	cubic-foot/feet per second
CHMIRS	California Hazardous Material Incident Reporting System
CIP	Capital Improvements Program
CIWMB	California Integrated Waste Management Board
CNDDDB	California Natural Diversity Database

CNEL	Community noise equivalent level
CNPS	California Native Plant Society
CO	Carbon monoxide
Corps	U.S. Army Corps of Engineers
COSFM	California Office of the State Fire Marshal
CPRC	California Public Resources Code
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CR	Plant species that is State-listed as rare
CRP	Conservation Reserve Program
CS	Sacramento Co. Contaminated Sites
CSC	California Species of Concern
CSLC	California State Lands Commission
CSPS	California State Prison, Sacramento
CSUS	California State University Sacramento
CT	Species that is State-listed
CVC	California Vehicle Code
CVP	Central Valley Project
CVPIA	Central Valley Project Improvement Act
CVRWQCB	Central Valley Regional Water Quality Control Board
CVRWQCB Basin	CVRWQCB Water Quality Control Plan for the Sacramento
Plan	River and San Joaquin River Basins
CWA	Clean Water Act
CY	Cubic yard
dB	Decibels
dBA	A-weighted sound levels are designated
DBW	California Department of Boating and Waterways
DEED	Deed Restriction Listing
DEM	Digital elevation model
DFG	Department of Fish and Game
DO	Dissolved oxygen
DOF	California Department of Finance
DPR	California Department of Parks and Recreation
DS/FDR	Dam Safety/Flood Damage Reduction
DTSC	Department of Toxic Substances Controls
DWR	California Department of Water Resources
EA	Environmental Assessment
EDD	Employment Development Department

Contents

EDR	Environmental Data Resources
EGR	Exhaust gas recirculation
ERP	Ecosystem Restoration Program
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMFAC2002	On-road vehicle emission factor model
ENSA	Phase 1 Environmental Site Assessment
EOP	Enhanced outpatient
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Federal Endangered Species Act
EWA	Environmental Water Account
°F	Degrees Fahrenheit
FC	Federal Candidate Species
FCC	Federal Communications Commission
FD	Species that was formerly listed under the ESA
FE	Species that is Federally listed
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, & Rodenticide Act
FINDS	Facility Index System
FLSRA	Folsom Lake State Recreation Area
FMMP	Farmland Mapping and Monitoring Program
Folsom Facility	Folsom Dam and Appurtenant Structures
Folsom JFP	Folsom Joint Federal Project
FONSI	Findings of No Significant Impacts
FPE	Federal proposed endangered species
FPPA	Farmland Protection Policy Act
FS	Forest Service
FSP	Folsom State Prison
Ft	Foot/feet
FT	Species that is Federally listed as threatened
FTA	Federal Transit Authority
FTTS	FIFRA/TSCA Tracking System
FWCA	Fish and Wildlife Coordination Act
FY	Fiscal Year

General Permit	State General Permit for Storm Water Discharges Associated with Construction Activity
GVR	Green Valley Road
GVW	Gross Vehicle Weight
GWh	gigawatt hours
HCM	Highway Capacity Manual
HDPE	High Density Polyethylene
HIST UST	Hazardous Substance Storage Container Database
HMIRS	Hazardous Materials Information Reporting System
HMVM	Hundred Million Vehicle Miles traveled
HRA	Health risk assessment
HTRW	Hazardous, toxic, and radiological wastes
Hz	Hertz
IMPLAN	Impact Planning and Analysis
INV	Invertebrates
lps	Inches per second
IS	Initial Study
ITAs	Indian Trust Assets
ITE	Institute of Transportation Engineers
JFP	Joint Federal Project
Kg	Kilograms
kV	kilovolt
kW	kilowatts
lb	pound
L_{dn}	Day-night noise level
L_{eq}	Equivalent noise level
L_{max}	Maximum noise level
LND	Cultural
LOS	Level of Service
LTS	American River Watershed Long-term Study
LTS	Less than significant
LUST	Leaking Underground Storage Tanks
LWD	Left Wing Dam
M&I	municipal and industrial
MBTA	Migratory Bird Treaty Act
MCLs	Maximum Contaminant Levels
MDR	Medium Density Residential
Mg	Milligrams

Contents

MIAD	Mormon Island Auxiliary Dam
ML	Sacramento Co. Master List
MMRP	Mitigation Monitoring and Reporting Plan
MODS	American River Watershed Folsom Dam Modification Project
Mph	Miles per hour
Mpn	Most probably number
MPN	Multiple Property Nomination
MS	Placer Co. Master List
MSA	Metropolitan Service Area
MSCS	CALFED Bay-Delta Program Multi-Species Conservation Strategy
Msl	mean sea level
MTBE	Methyl-tert-butyl-ether
N/A	not available
NAAQS	National Ambient Air Quality Standards
NAC	Noise abatement criteria
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NAVD	North America Vertical Datum
NCCP	Natural Community Conservation Plan
NCCPA	Natural Community Conservation Planning Act
NCIC	North Central Information Center
NED	National Economic Development
NEPA	National Environmental Policy Act
NFA	No Further Action
NHPA	National Historic Preservation Act
NHSTA	Nation Highway Traffic Safety Administration
NMFS	National Marine Fisheries Service
NO ₂	Nitrogen Dioxide
NOAA	National Oceanic and Atmospheric Administration
NOD	Notice of Determination
NOI	Notice of Intent
NOx	Nitrogen Oxides
NPDES	National Pollution Discharge Elimination System
NRC	noise reduction coefficient
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NTUs	Nephelometric Turbidity Units

NWR	National Wildlife Refuge
O&M	Operations and Maintenance
OAL	Office of Administrative Law
OHWM	Ordinary High Water Mark
OPR	Office of Planning and Research
O _s	Ozone
PA	Programmatic Agreement
PAC	Post-authorization Changes
PASS	Project Alternative Solutions Study
Pb	Lead
PCA	Project Cooperation Agreement
PCBs	Polychlorinated biphenyls
PCWA	Placer County Water Agency
PG&E	Pacific Gas and Electric
P.L.	public law
PM10	Particulate matter less than 10 microns in diameter
PM2.5	Fine particulate matter less than 2.5 microns in diameter
PMF	Probable Maximum Flood
ppm	Parts per million
PPV	Peak particle velocity
PRC	Public Resources Code
RCRA	Resource Conservation and Recovery Act
Reclamation	U.S. Bureau of Reclamation
Reclamation Board	State Reclamation Board
RMP	Resource Management Planning
ROD	Record of Decision
ROG	Reactive organic gasses
RWD	Right Wing Dam
RWQCB	Regional Water Quality Control Board
RWQCBCV	Regional Water Quality Control Board Central Valley
SACOG	Sacramento Council of Governments
SAD	Small Auxiliary Dikes
SAFCA	Sacramento Area Flood Control Agency
SB	Senate Bill
SC	species designated as a candidate for listing by the State of California as endangered or threatened
SDWA	Safe Drinking Water Act
SE	species listed by the State of California as endangered

Contents

SEL	Sound Exposure Level
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SIR	Supplemental Information Report
SJWD	San Juan Water District
SLIC	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMARA	Surface Mining and Reclamation Act
SMS	Scenery Management System
SMUD	Sacramento Municipal Utility District
SNAs	Significant Natural Areas
SO ₂	Sulfur Dioxide
SRA	State Recreation Area
SSLE	Reclamation's Safety, Security and Law Enforcement Program
SSTS	Section Seven Tracking System
SSURGO	Soil Survey Geographic Database
ST	species listed by the State of California as threatened
STAA	Surface Transportation Assistance Act
STC	sound transmission coefficient
SWEETS UST	Statewide Environmental Evaluation and Planning System
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
SWRCY	Recycling Facilities
SWTR	Surface Water Treatment Rule
TACs	Toxic air contaminants
TDS	Total dissolved solids
TIS	Traffic Impact Study
TMDL	Total Maximum Daily Load
TMDLs	Total Maximum Daily Loads
TNM	Traffic Noise Model
TOC	Total organic carbon
Tpd	Tons per day
TPH	Total petroleum hydrocarbons
Tpy	Tons per year
TSCA	Toxic Substances Control Act

URBEMIS	Urban Emissions Model
U.S.	United States
U.S. DOT	U.S. Department of Transportation
USC	United States Code
USCA	United States Code Annotated
USDA	United States Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	United States Geological Service
UST	Underground Storage Tank Facilities
VCP	Voluntary Cleanup Program Properties
UWMP	Urban Water Management Plan
V/C	volume to capacity
VEG	Vegetation
VELB	Valley Elderberry Longhorn Beetle
VOC	volatile organic compounds
WAPA	Western Area Power Administration
WIL	Wildlife
WQCP	Water Quality Control Plan
WRDA	Water Resources Development Act
WRP	Wetlands Reserve Program