

# Table of Contents

<b>1.0</b>	<b>Mitigated Negative Declaration .....</b>	<b>1-1</b>
1.1	Project Information .....	1-1
1.2	Background and Description of Project.....	1-1
1.3	Required Approvals .....	1-3
1.4	Environmental Determination.....	1-4
1.5	Applicant Proposed Measures and Mitigation Measures.....	1-5
1.6	Findings.....	1-15
<b>2.0</b>	<b>Environmental Determination .....</b>	<b>2-1</b>
2.1	Environmental Factors Potentially Affected.....	2-1
2.2	Environmental Determination.....	2-1
<b>3.0</b>	<b>Introduction to the Initial Study .....</b>	<b>3-1</b>
3.1	Proposed Project Overview.....	3-1
3.2	Environmental Analysis.....	3-1
3.2.1	CEQA Lead Agency .....	3-1
3.2.2	Initial Study Purpose.....	3-2
3.2.3	Initial Study Content .....	3-2
3.2.4	CEQA Guidelines and Appendix G Environmental Checklist Update .....	3-2
3.2.5	Initial Study Organization.....	3-5
<b>4.0</b>	<b>Project Description .....</b>	<b>4-1</b>
4.1	Project Location .....	4-2
4.2	Project Applicant Objectives .....	4-2
4.3	Required Approvals .....	4-7
4.4	Existing Electrical System .....	4-7
4.5	Project Components .....	4-11
4.5.1	TL674A Reconfiguration.....	4-11
4.5.2	TL666D Removal .....	4-16
4.5.3	C510 Conversion .....	4-18
4.5.4	C738 Conversion .....	4-21
4.6	Project Construction.....	4-25
4.6.1	Construction Workforce and Equipment .....	4-25
4.6.2	Temporary Work Areas .....	4-26
4.6.3	Stringing Sites .....	4-27
4.6.4	Pole Work Areas .....	4-27
4.6.5	Underground Construction Areas .....	4-28
4.6.6	Guard Structures and Temporary Poles .....	4-28
4.6.7	Temporary Construction Staging Areas and Fly Yards .....	4-28
4.6.8	Helicopter Drop Zones.....	4-29
4.6.9	Permanent Work Areas .....	4-30

	4.6.10 Access .....	4-30
	4.6.11 Vegetation Clearance .....	4-31
4.7	Methods.....	4-31
	4.7.1 Overhead Power Line Construction.....	4-32
	4.7.2 Existing Facilities Removal/Modification .....	4-34
	4.7.3 Underground Power Line Construction .....	4-36
	4.7.4 Cleanup and Post-Construction Restoration .....	4-38
4.8	Construction Schedule .....	4-39
4.9	Operation and Maintenance .....	4-39
4.10	Project Design Features and Ordinary Construction Restrictions .....	4-40
4.11	Applicant Proposed Measures.....	4-41
4.12	Electric and Magnetic Fields Summary .....	4-43
<b>5.0</b>	<b>Environmental Setting and Impacts .....</b>	<b>5.1-1</b>
5.1	Aesthetics .....	5.1-1
	5.1.1 Environmental Setting .....	5.1-1
	5.1.2 Regulatory Setting .....	5.1-16
	5.1.3 Environmental Impacts and Mitigation Measures .....	5.1-20
5.2	Agriculture and Forest Resources .....	5.2-1
	5.2.1 Environmental Setting .....	5.2-1
	5.2.2 Regulatory Setting .....	5.2-1
	5.2.3 Environmental Impacts and Assessment .....	5.2-3
5.3	Air Quality .....	5.3-1
	5.3.1 Environmental Setting .....	5.3-1
	5.3.2 Regulatory Setting .....	5.3-7
	5.3.3 Environmental Impacts and Assessment .....	5.3-11
5.4	Biological Resources .....	5.4-1
	5.4.1 Approach to Data Collection .....	5.4-1
	5.4.2 Regional Setting.....	5.4-7
	5.4.3 Local Setting .....	5.4-7
	5.4.4 Regulatory Setting .....	5.4-26
	5.4.5 Environmental Impacts and Assessment .....	5.4-37
5.5	Cultural Resources .....	5.5-1
	5.5.1 Environmental Setting .....	5.5-1
	5.5.2 Records Searches and Survey Results .....	5.5-6
	5.5.3 Paleontological Resources .....	5.5-11
	5.5.4 Regulatory Setting .....	5.5-12
	5.5.5 Environmental Impacts and Assessment .....	5.5-18
5.6	Geology and Soils .....	5.6-1
	5.6.1 Environmental Setting .....	5.6-1
	5.6.2 Regulatory Setting .....	5.6-14
	5.6.3 Environmental Impacts and Assessment .....	5.6-18
5.7	Greenhouse Gases .....	5.7-1
	5.7.1 Environmental Setting .....	5.7-1
	5.7.2 Regulatory Setting .....	5.7-3
	5.7.3 Environmental Impacts and Assessment .....	5.7-6

5.8	Hazards and Hazardous Materials .....	5.8-1
5.8.1	Environmental Setting .....	5.8-2
5.8.2	Regulatory Setting .....	5.8-8
5.8.3	Environmental Impacts and Assessment .....	5.8-16
5.9	Hydrology and Water Quality.....	5.9-1
5.9.1	Environmental Setting .....	5.9-1
5.9.2	Regulatory Setting .....	5.9-6
5.9.3	Environmental Impacts and Assessment .....	5.9-12
5.10	Land Use and Planning .....	5.10-1
5.10.1	Environmental Setting .....	5.10-1
5.10.2	Regulatory Setting .....	5.10-2
5.10.3	Environmental Impacts and Assessment .....	5.10-6
5.11	Mineral Resources .....	5.11-1
5.11.1	Environmental Setting .....	5.11-1
5.11.2	Regulatory Setting .....	5.11-2
5.11.3	Environmental Impacts and Assessment .....	5.11-5
5.12	Noise .....	5.12-1
5.12.1	Environmental Setting .....	5.12-1
5.12.2	Regulatory Setting .....	5.12-4
5.12.3	Environmental Impacts and Assessment .....	5.12-17
5.13	Population and Housing .....	5.13-1
5.13.1	Environmental Setting .....	5.13-1
5.13.2	Regulatory Setting .....	5.13-3
5.13.3	Environmental Impacts and Assessment .....	5.13-3
5.14	Public Services.....	5.14-1
5.14.1	Environmental Setting .....	5.14-1
5.14.2	Regulatory Setting .....	5.14-2
5.14.3	Environmental Impacts and Assessment .....	5.14-14
5.15	Recreation .....	5.15-1
5.15.1	Environmental Setting .....	5.15-1
5.15.2	Regulatory Setting .....	5.15-2
5.15.3	Environmental Impacts and Assessment .....	5.15-8
5.16	Transportation and Traffic .....	5.16-1
5.16.1	Environmental Setting .....	5.16-1
5.16.2	Regulatory Setting .....	5.16-5
5.16.3	Environmental Impacts and Assessment .....	5.16-7
5.17	Tribal Cultural Resources .....	5.17-1
5.17.1	Environmental Setting .....	5.17-1
5.17.2	Regulatory Setting .....	5.17-2
5.17.3	Environmental Impacts and Assessment .....	5.17-4
5.18	Utilities and Service Systems.....	5.18-1
5.18.1	Environmental Setting .....	5.18-1
5.18.2	Regulatory Setting .....	5.18-3
5.18.3	Environmental Impacts and Assessment .....	5.18-6
5.19	Mandatory Findings of Significance.....	5.19-1
5.19.1	Cumulative Impacts .....	5.19-1
5.19.2	Environmental Impacts and Assessment .....	5.19-4

<b>6.0</b>	<b>Mitigation Monitoring and Reporting Plan .....</b>	<b>6-1</b>
6.1	Minor Project Refinements .....	6-2
6.2	Dispute Resolution.....	6-2
6.3	Final Mitigation Monitoring and Reporting Plan .....	6-2
<b>7.0</b>	<b>List of Preparers.....</b>	<b>7-1</b>

## **Appendices**

Appendix A	Air Quality Emissions Report
Appendix B	Biological Survey Reports
Appendix C	Master Species Tables
Appendix D	Cultural Resources Technical Report
Appendix E	Greenhouse Gases
Appendix F	Hazards and Hazardous Materials
Appendix G	Land Use Policy Matrix
Appendix H	Tribal Cultural Resources Correspondence
Appendix I	Paleontological Technical Study
Appendix J	Detailed Project Components Maps

## Tables

Table 1-1	Potential Project Approvals .....	1-3
Table 4-1	Potential Permits and Approvals.....	4-7
Table 4-2	Existing Project Area Circuitry.....	4-8
Table 4-3	Modified 69-kV Pole Summary.....	4-17
Table 4-4	Construction Equipment Type and Use .....	4-25
Table 4-5	Temporary Work Area Requirements.....	4-26
Table 4-6	Permanent Work Area Summary .....	4-30
Table 4-7	Road Access Characteristics .....	4-31
Table 4-8	Construction Schedule by Activity, Duration and Project Component .....	4-39
Table 4-9	Applicant Proposed Measures.....	4-41
Table 4-10	Magnetic Field Reduction Measures Adopted or Rejected .....	4-46
Table 5.1-1	Views from Key Observation Points .....	5.1-7
Table 5.1-1	Views from Key Observation Points (con't) .....	5.1-10
Table 5.1-1	Views from Key Observation Points (con't) .....	5.1-13
Table 5.1-1	Views from Key Observation Points (con't) .....	5.1-15
Table 5.1-2	Aesthetics Checklist.....	5.1-21
Table 5.2-1	Agriculture and Forest Resources Checklist.....	5.2-4
Table 5.3-1	Climatological Data Summary, San Diego Lindbergh Field .....	5.3-1
Table 5.3-2	Attainment Status for San Diego County Air Pollution Control District .....	5.3-2
Table 5.3-3	Local Ambient Air Quality Concentration at Nearby Monitoring Stations.....	5.3-5
Table 5.3-4	Proposed Project Nearest Sensitive Receptors .....	5.3-6
Table 5.3-5	National and California Ambient Air Quality Standards.....	5.3-8
Table 5.3-6	Air Quality Checklist .....	5.3-12
Table 5.3-7	San Diego Air Pollution Control District Significance Thresholds.....	5.3-14
Table 5.3-8	Peak Daily Uncontrolled Construction Emissions.....	5.3-16
Table 5.3-9	Peak Daily Controlled Construction Emissions.....	5.3-16
Table 5.4-1	Surveys Conducted for the Proposed Project.....	5.4-3
Table 5.4-2	Vegetation Communities in the BSA and in Proposed Project Work Areas .....	5.4-9
Table 5.4-3	Special Status Plants with the Potential to Occur within One Mile of the Project Area .....	5.4-18
Table 5.4-4	Special Status Wildlife with the Potential to Occur within One Mile of the Project Area .....	5.4-20
Table 5.4-5	Natural Communities within the Project Area Recommended for ESHA Consideration .....	5.4-22
Table 5.4-6	Critical Habitat Within Approximately One Mile of the Project Area .....	5.4-22
Table 5.4-7	Acres of Potentially Jurisdictional(a) Aquatic Natural Communities within the BSA and Project Work Areas .....	5.4-23
Table 5.4-8	Potentially Jurisdictional Hydrologic Features within the BSA and Project Work Areas .....	5.4-23
Table 5.4-9	Wildlife Corridors and Linkages Crossed by or Adjacent to the Project Feature.....	5.4-25

Table 5.4-10	Western Monarch Butterfly Overwintering Populations within Project Vicinity .....	5.4-26
Table 5.4-11	Biological Resources Checklist .....	5.4-37
Table 5.4-12	Potential Temporary Impacts on Sensitive Natural Communities in Project Work Areas .....	5.4-50
Table 5.4-13	Summary of Impacts to Jurisdictional Features within Proposed Project Work Areas .....	5.4-52
Table 5.5-1	Archaeological Sites and Isolated Finds .....	5.5-8
Table 5.5-2	Historic Architectural Resources .....	5.5-10
Table 5.5-3	Cultural Resources Checklist.....	5.5-18
Table 5.6-1	Geology in the Project Area.....	5.6-1
Table 5.6-2	Soils in the Project Area .....	5.6-2
Table 5.6-3	Geology and Soils Checklist.....	5.6-19
Table 5.7-1	Greenhouse Gas Emissions Sources .....	5.7-1
Table 5.7-2	GHGs and Global Warming Potential .....	5.7-1
Table 5.7-3	California Greenhouse Gas Inventory for years 2000 and 2015.....	5.7-2
Table 5.7-4	Greenhouse Gases Checklist.....	5.7-7
Table 5.7-5	Greenhouse Gas Construction Emissions .....	5.7-8
Table 5.7-6	Project Conformity with Plans, Policies, and Regulations .....	5.7-9
Table 5.8-1	Hazardous Materials Typically Used During Construction and Maintenance .....	5.8-2
Table 5.8-2	Hazardous Materials and Potentially Contaminated Sites within 0.25 miles of Project.....	5.8-4
Table 5.8-3	Schools within 0.25 Miles of the Proposed Project .....	5.8-7
Table 5.8-4	Hazards and Hazardous Materials Checklist .....	5.8-17
Table 5.9-1	Named Waterbodies Crossed by or Adjacent to the Project, and Associated Pollutants.....	5.9-2
Table 5.9-2	Hydrology and Water Quality Checklist.....	5.9-13
Table 5.10-1	Land Use and Planning Checklist .....	5.10-6
Table 5.10-2	Temporary Work Spaces (in acres).....	5.10-7
Table 5.11-1	Mineral Resources Checklist .....	5.11-5
Table 5.12-1	Definition of Acoustical Terms .....	5.12-1
Table 5.12-2	Noise-Sensitive Receptors within 1,000 Feet of Project Components .....	5.12-3
Table 5.12-3	City of San Diego Sound Level Limits in Decibels (dBA) .....	5.12-16
Table 5.12-4	City of Del Mar Sound Level Limits in Decibels .....	5.12-16
Table 5.12-5	Noise Checklist .....	5.12-17
Table 5.12-6	Typical Construction Equipment Noise Levels .....	5.12-18
Table 5.12-7	Typical Eight-hour Average Noise Levels from Construction Equipment ..	5.12-19
Table 5.12-8	Anticipated Staging Area/Fly Yard Noise Levels .....	5.12-23
Table 5.12-9	Anticipated Construction Vibration Levels .....	5.12-23
Table 5.13-1	Population 2016–2050, Cities of Del Mar and San Diego; San Diego County.....	5.13-1
Table 5.13-2	Civilian Workforce Occupation, Cities of Del Mar and San Diego; San Diego County .....	5.13-2
Table 5.13-3	Median Household Income .....	5.13-2
Table 5.13-4	Population and Housing Checklist.....	5.13-4
Table 5.14-1	Public Services Checklist.....	5.14-14

**TL674A RECONFIGURATION AND TL666D REMOVAL PROJECT  
TABLE OF CONTENTS**

---

Table 5.15-1	Recreational Facilities within One Mile of the Proposed Project Utility Corridor.....	5.15-3
Table 5.15-2	Recreation Checklist .....	5.15-9
Table 5.16-1	Relevant Transportation Policies and Regulations .....	5.16-6
Table 5.16-4	Transportation and Traffic Checklist .....	5.16-8
Table 5.17-1	Tribal Cultural Resources Checklist .....	5.17-4
Table 5.18-1	San Diego Landfills in the Project Vicinity .....	5.18-2
Table 5.18-2	Utilities and Service Systems Checklist .....	5.18-6
Table 5.19-1	Reasonably Foreseeable Projects .....	5.19-3
Table 5.19-2	Mandatory Findings of Significance Criteria .....	5.19-5
Table 6-1	Draft Mitigation Monitoring and Reporting Plan .....	6-3

*This page intentionally left blank.*

## Figures

Figure 4-1	Project Location Map.....	4-3
Figure 4-2	Project Overview Map .....	4-5
Figure 4-3	Existing System Configuration.....	4-9
Figure 4-4	Proposed System Configuration .....	4-10
Figure 4-5	Proposed 69-kV Steel Riser Pole.....	4-12
Figure 4-6	Proposed 69-kV Steel Pole .....	4-13
Figure 4-7	Proposed 69-kV Underground Duct Bank Cross Section.....	4-14
Figure 4-8	Proposed 69-kV Splice Vault (typical) .....	4-15
Figure 4-9	Existing Wood and Steel Pole, (typical).....	4-17
Figure 4-10	Proposed 12-kV Steel Riser Pole, (typical) .....	4-19
Figure 4-11	Proposed 12-kV Wood Riser Pole, (typical).....	4-20
Figure 4-12	Proposed 12-kV Underground Duct Bank Cross-section (typical).....	4-22
Figure 4-13	Proposed 12-kV Hand Hole (typical) .....	4-23
Figure 4-14	Proposed 12-kV Transformer Pad (typical) .....	4-24
Figure 4-15	Proposed 12-kV Pad-mounted Transformer (typical).....	4-24
Figure 4-16	Typical Overhead Conductor Stringing Process.....	4-34
Figure 4-17	Typical Underground Construction Process within Roadways .....	4-36
Figure 5.1-1	Key Observation Point Locations .....	5.1-6
Figure 5.1-2	Views from Key Observation Point Locations 1 and 2 .....	5.1-8
Figure 5.1-3	Views from Key Observation Point Locations 3 and 4 .....	5.1-9
Figure 5.1-4	Views from Key Observation Point Locations 5 and 6 .....	5.1-11
Figure 5.1-5	Views from Key Observation Point Locations 7 and 8 .....	5.1-12
Figure 5.1-6	Views from Key Observation Point Locations 9 and 10 .....	5.1-14
Figure 5.1-7	Viewpoint 11: Existing view looking south-southeast along Vista Sorrento Parkway* .....	5.1-15
Figure 5.4-1	Natural Communities and ESHAs in the BSA for the TL674A Reconfiguration and TL666D Removal Projects.....	5.4-11
Figure 5.4-2	Wildlife Corridors and Critical Habitat Within One Mile of the TL674A Reconfiguration and TL666D Removal Project .....	5.4-27
Figure 5.6-1	Geology in the Proposed Project Vicinity .....	5.6-5
Figure 5.6-2	Soils in the Proposed Project Vicinity .....	5.6-7
Figure 5.6-3	Active and Potentially Active Faults and Historic Earthquakes in the Proposed Project Vicinity .....	5.6-11
Figure 5.6-4	Landslides and Landslide Susceptibility in the Proposed Project Vicinity ....	5.6-15
Figure 5.8-1	Hazardous Sites in the Proposed Project Vicinity .....	5.8-5
Figure 5.8-2	Fire Severity Zone around the Proposed Project Vicinity .....	5.8-9
Figure 5.9-1	Hydrologic Units, Areas, and Subareas Crossed by the Project Alignment.....	5.9-3
Figure 5.11-1	Mines and Mineral Resource Zones (MRZs) in the Proposed Project Vicinity .....	5.11-3
Figure 5.12-1	Noise-Sensitive Receptors within 1,000 Feet of the Proposed Project.....	5.12-5
Figure 5.14-1	Public Services near the Proposed Project – TL674A Reconfiguration and TL666D Removal Project Overview Map .....	5.14-3

**TL674A RECONFIGURATION AND TL666D REMOVAL PROJECT  
TABLE OF CONTENTS**

---

Figure 5.15-1 Recreational Areas Within One Mile of the Proposed Project Area .....	5.15-5
Figure 5.16-1 Bikeways and Transportation in the Proposed Project Vicinity .....	5.16-3

## Acronyms and Abbreviations

AB	Assembly Bill
AG	Agricultural-General
APLM	Avian Power Line Interaction Committee
APM	Applicant Proposed Measure
AR	Agricultural Residential
ATV	All-Terrain Vehicles
BCC	Birds of Conservation Concern
bgs	below ground surface
BLM	Bureau of Land Management
BMPs	Best Management Practices
BSA	Biological Survey Area
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAL FIRE	California Department of Forestry and Fire Protection
CalEEMod	California Emissions Estimator Model
CalOSHA	California Occupational Health and Safety Administration
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CARB	California Air Resources Board
CBC	California Building Standards Code
CCA	California Coastal Act
CCAA	California Clean Air Act
CCC	California Coastal Commission
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDP	California Development Permit
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFGC	California Fish and Game Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH <sub>4</sub>	methane
CNDDDB	California Natural Diversity Database
CNDBB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2e</sub>	carbon dioxide equivalent
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources

CTR	Cultural Resources Technical Report
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibels
dBA	A-weighted decibels
DNL	day-night average sound level; also Ldn
DTSC	California Department of Toxic Substance Control
EDR	Environmental Data Resources, Inc.
EPA	United States Environmental Protection Agency
ESA	Environmentally Sensitive Areas
ESHA	Environmentally Sensitive Habitat Areas
ESO	Emergency Services Organization
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FMMP	Farmland Mapping and Monitoring Program
G.O.	General Order
GHG	Greenhouse gas
GIS	Geographic Information System
GWP	Global Warming Potential
H <sub>2</sub> S	Hydrogen Sulfide
HAP	Hazardous Air Pollutant
HCP	Habitat Conservation Program
HFC	Hydrofluorocarbon
HMBP	Hazardous Materials Business Plan
HMD	Hazardous Materials Division
IS/MND	Initial Study/Mitigated Negative Declaration
IWMA	Integrated Waste Management Act
KOP	Key Observation Point
kV	kilovolt
LCP	Local Coastal Program
Leq	Equivalent sound level
LOS	Level of Service
MBTA	Migratory Bird Treaty Act
MLDs	Most Likely Descendants
MM	Mitigation Measure
MMC RP	Mitigation Monitoring Compliance and Reporting Program
MMRP	Mitigation Monitoring and Reporting Plan
MRA	Multiple Resource Area
MRZ	Mineral Resource Zone
MSAs	Metropolitan Statistical Areas
MSCP	Multiple Species Conservation Program
MTCO <sub>2e</sub>	Metric tons of Carbon Dioxide equivalent
NAAQS	National Ambient Air Quality Standards
NAHS	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
NCTD	North County Transit District

NCTPP	Natural Community Tree and Plant Protection
NERC	North American Electric Reliability Corporation
NESHAP	National Emission Standards for Hazardous Air Pollutants
NHTSA	National Highway Traffic and Safety Administration
NO <sub>2</sub>	Nitrogen Dioxide
NO <sub>x</sub>	Nitrogen Oxides
NPDES	National Pollution Discharge Elimination System
NPS	National Park Service
NRCS	U.S. Department of Agriculture Natural Resources Conservation Service
O&M	Operations and Maintenance
O <sub>3</sub>	Ozone
OPR	Governor's Office of Planning and Research
OSHA	Occupational Safety and Health Administration
Pb	Lead
PCB	Polychlorinated biphenyl
PEA	Proponent's Environmental Assessment
PFC	Perfluorocarbons
PGA	Peak Ground Acceleration
PM <sub>10</sub>	Particulate matter less than 10 microns in diameter
PM <sub>2.5</sub>	Particulate matter less than 2.5 microns in diameter
PRC	Public Resources Code
PTC	Permit to Construct
PVC	Polyvinyl chloride
RAQS	Regional Air Quality Strategy
RCRA	Resource Conservation and Recovery Act
RCRA	Resource Conservation and Recovery Act
ROW	Right-of-Way
RPO	Resource Protection Ordinance
RPS	Renewables Portfolio Standards
RWQCB	Regional Water Quality Control Board
SANDAG	San Diego Association Of Governments
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDCWA	San Diego County Water Authority
SDG&E	San Diego Gas and Electric Company; also applicant
SF <sub>6</sub>	Sulfur hexafluoride
SIP	State Implementation Plan
SO <sub>2</sub>	Sulfur dioxide
SO <sub>4</sub>	Sulfate
SR	State Route
SSC	Species of Special Concern
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TCR	Tribal Cultural Resource

TSP	Tubular steel pole
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VdB	Vibration decibels
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds
WEAP	Worker Environmental Awareness Plan