



Project Identifiers	
WDID No:	
Reg. Meas. ID:	
Place ID:	
Party ID:	
USACOE No:	
Other File No:	

PROJECT INFORMATION	
Details	
Application Received Date:	
Application Completed Date:	
Additional Info Completed Date:	
Applicant:	
Applicant Representative(s):	
Project Title:	
Regulating Water Board:	
Type of Project:	
Project Description:	
Location	
City:	
County:	
Cross Streets:	
Section, Township, Range:	
Zip code:	
Directions:	
Latitude(s) and Longitude(s):	
Public Notice	
Water Board Public Notice: Information regarding this project was noticed on the _____ Water Board's website from _____ to _____. _____ No Comments were received. _____ Comments were responded to in writing.	
Fees	
Application Fee Provided: A certification fee of _____ was submitted on _____ as required by 23 CCR §3833b(2)(A) and by 23 CCR § 2200(e). An additional fee of _____ (IF APPLICABLE) to offset additional design impacts was received on _____ as required by 23 CCR §3833b(2)(A) and by 23 CCR § 2200(e).	

Hydrologic Information	
Receiving Water(s):	
Hydrologic Unit(s):	
Water Body Type(s):	

Designated Beneficial Use(s)											
	AGR		COMM		FRSH		MIGR		RARE		SPWN
	AQUA		CUL		GWR		MUN		REC-1		WARM
	ASBS		EST		IND		NAV		REC-2		WET
	BIOL		FISH		LWRM		POW		SAL		WILD
	COLD		FLD		MAR		PRO		SHELL		WQE

Candidate, Sensitive, or Special Status Species

Other Permits/Licenses/Agreements/Plans
Federal (Type and Permit/License Number):
State (Type and Permit/License/Agreement Number):
Other County, City, etc. (Type and Permit/License Number):
Any Required Documents or Plan Submittals (SWPPP, Mitigation & Monitoring, etc.)

NEPA and/or CEQA Compliance	
Document type:	
Lead Agency:	
Date completed:	
State Clearinghouse Number:	

IMPACTS
Describe Potential Water Quality Impacts:

Final Project Impacts (Fill)*						
Waterbody Type	Permanent			Temporary		
	Acres**	Linear Feet	Cubic Yards	Acres**	Linear Feet	Cubic Yards
<i>Lake</i>						
<i>Ocean</i>						
<i>Riparian</i>						
<i>Streambed</i>						
<i>Vernal Pool</i>						
<i>Wetland</i>						

* Include all three measurements (acres, linear feet and cubic yards) for all federal and non-federal waterbody types.
 ** Provide acres to three decimal places (e.g., 0.006).

Final Project Impacts (Dredge*/Excavation)**						
Waterbody Type	Permanent			Temporary		
	Acres***	Linear Feet	Cubic Yards	Acres***	Linear Feet	Cubic Yards
<i>Lake</i>						
<i>Ocean</i>						
<i>Riparian</i>						
<i>Streambed</i>						
<i>Vernal Pool</i>						
<i>Wetland</i>						

* For projects that will occur annually please provide the total volume to be dredged for the entire certification period (typically 5 years).
 ** Include all three measurements (acres, linear feet and cubic yards) for all federal and non-federal waterbody types.
 *** Provide acres to three decimal places (e.g., 0.006).

Impact Comparison*								
	Fill				Dredge			
	Permanent		Temporary		Permanent		Temporary	
	Initial	Final	Initial	Final	Initial	Final	Initial	Final
Impacts (Acres)**								

* Include impacts to both federal and non-federal waters.
 ** Provide acres to three decimal places (e.g., 0.006).

MITIGATION	
Describe Avoidance and Minimization for Impacts to Waters:	
Describe Compensatory Mitigation for Impacts to Waters (temporary and permanent):	

Compensatory Mitigation (Proponent Provided)								
Waterbody Type	Acres Established		Acres Restored		Acres Enhanced		Acres Preserved	
	Temp.*	Perm.	Temp.*	Perm.	Temp.*	Perm.	Temp.*	Perm.
Lake								
Ocean								
Riparian								
Streambed								
Vernal Pool								
Wetland								

* Report as mitigation for temporary impacts at a 1:1 ratio any required conditions to restore the site (e.g., re-vegetating or re-contouring).

Compensatory Mitigation (Mitigation Bank)				
Waterbody Type	Acres Established	Acres Restored	Acres Enhanced	Acres Preserved
Lake				
Ocean				
Riparian				
Streambed				
Vernal Pool				
Wetland				

Compensatory Mitigation (In-Lieu)				
Waterbody Type	Acres Established	Acres Restored	Acres Enhanced	Acres Preserved
Lake				
Ocean				
Riparian				
Streambed				
Vernal Pool				
Wetland				

Proponent Provided Mitigation Information (If Applicable)*		
	Site 1	Site 2
Mitigation Site Location(s):		
Mitigation Site Lat/Long(s)		
Name of Watershed & Hydrologic Unit:		
Mitigation Site City and County:		

*If more than two sites, please provide additional information in the additional information table located at the end of this form.

Mitigation Bank Information (If Applicable)*		
	Bank 1	Bank 2
Mitigation Bank Name:		
Name of Mitigation Bank Operator:		
Address of Mitigation Bank Office:		
Mitigation Bank Location(s):		
Mitigation Bank Lat/Long(s)		
Name of Watershed & Hydrologic Unit:		
Mitigation Bank City and County:		
Mitigation purchase amount (\$):		

*If more than two sites, please provide additional information in the additional information table located at the end of this form.

In-Lieu Mitigation Information (If Applicable)*		
	Program 1	Program 2
Name of approved in-lieu fee mitigation sponsor:		
Address of In-lieu mitigation sponsor:		
Description of in-lieu mitigation arrangements:		
In-lieu mitigation location:		
In-lieu mitigation Lat/Long(s):		
In-lieu mitigation City and County:		
Name of Watershed & Hydrologic Unit		

*If more than two sites, please provide additional information in the additional information table located at the end of this form.

Additional Mitigation Information (Proponent, Bank, or In-Lieu)		
	Site 1	Site 2
Mitigation Site Name:		
Name of Mitigation Site Operator:		
Address of Mitigation Site Office:		
Mitigation Site Location(s):		
Mitigation Site Lat/Long(s)		
Name of Watershed & Hydrologic Unit:		
Mitigation Site City and County:		
Mitigation purchase amount (\$):		

SUNRISE POWERLINK PROJECT INFORMATION SHEET SUPPLEMENTAL INFORMATION

Project Location

The Sunrise Powerlink transmission line (Project) is a linear project which will be constructed in rights-of-way that span approximately 120 miles from the Imperial Valley Substation near the City of El Centro, Imperial County, California to the Sycamore Canyon Substation near the City of Poway, San Diego County, California. One major new substation will be constructed on the ROW to the east and south of the town of Alpine.

A map of the project area is provided as Attachment B to the project's water quality certification. Detailed project area maps are available in staff project files and on the CPUC's project website.

Approximately six of the 120 miles of transmission line will be laid underground between mileposts 92.8 and 99 (Link 4). The remaining portion (Links 1, 2 and 5) will consist of overhead lines supported by 432 tower structures. Fifty-five miles of new access roads will be constructed, and approximately 90 miles of existing access roads will be upgraded to assist in access to tower structure pad sites during and after construction.

The project has no street address or zip code.

Public Notice

Three comments and/or questions were received regarding the Project. Individual responses were provided by staff to each comment or question. Comments did not identify any new or previously unknown potential project effects.

Hydrologic Information: See tables on following pages.

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

Hydrologic Information

**BENEFICIAL USES OF WATERS OF THE STATE
THAT MAY BE AFFECTED BY THE
SUNRISE POWERLINK PROJECT**

Source: San Diego Basin Plan

http://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/docs/update102207/chapter2_042507.pdf

SAN DIEGO REGION INLAND SURFACE WATERS	Hydrologic Unit Basin Number	M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Los Penasquitos Creek Hydrologic Unit	906															
Los Penasquitos Creek	906.20	+	X	0					X	X		X	X	X		
Rattlesnake Creek	906.20	+	X	0					X	X		X	X	X		
Poway Creek	906.20	+	X	0					X	X		X	X	X		
Beeler Creek	906.20	+	X	0					X	X		X	X	X		
Chicarita Creek	906.20	+	X	0					X	X		X	X	X		
Cypress Canyon	906.20	+	X	0					x	x		x		x		

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

BENEFICIAL USES OF WATERS OF THE STATE THAT MAY BE AFFECTED BY THE SUNRISE POWERLINK PROJECT: SAN DIEGO REGION INLAND SURFACE WATERS (CONT.)	Hydrologic Unit Basin Number	M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Diego River Watershed	907.31	X	X	X	X				X	X		X	X	X		
Isham Creek	907.31	X	X	X	X				X	X		X	X	X		
Sand Creek	907.31	X	X	X	X				X	X		X	X	X		
Conejos Creek 7.31	907.31	X	X	X	X				X	X		X	X	X		
King Creek	907.31	X	X	X	X				X	X		X	X	X		
West Fork King Creek	907.31	X	X	X	X				X	X		X	X	X		
Echo Valley	907.31	X	X	X	X				X	X		X	X	X		
Peutz Valley	907.31	X	X	X	X				X	X		X	X	X		
Alpine Creek	907.31	X	X	X	X				X	X		X	X	X		
(San Diego River Watershed, cont.)																
Chocolate Canyon	907.33	X	X	X	X				X	X		X	X	X		
Chocolate Canyon	907.31	X	X	X	X				X	X		X	X	X		
Sweetwater River	909.31	X	X	X	X				X	X		X	X	X		X
Viejas Creek	909.31	X	X	X	X				X	X		X	X	X		
Viejas Creek	909.33	X	X	X	X				X	X		X	X	X		
Taylor Creek	909.31	X	X	X	X				X	X		X	X	X		

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

BENEFICIAL USES OF WATERS OF THE STATE THAT MAY BE AFFECTED BY THE SUNRISE POWERLINK PROJECT: SAN DIEGO REGION INLAND SURFACE WATERS (CONT.)	Hydrologic Unit Basin Number	M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Tijuana Hydrologic Unit	911															
Tecate Creek	911.23	+							X	X		X		X		
Cottonwood Creek	911.23	+							X	X		X		X		
Dry Valley	911.23	+							X	X		X		X		
Bob Owens Canyon	911.23	+							X	X		X		X		
McAlmond Canyon	911.24	+							X	X		X		X		
McAlmond Canyon	911.23	+							X	X		X		X		
Rattlesnake Canyon	911.23	+							X	X		X		X		
Potrero Creek	911.25	+							X	X		X		X		
Little Potrero Creek	911.25	+							X	X		X		X		
Potrero Creek	911.23	+							X	X		X		X		
Grapevine Creek	911.23	+							X	X		X		X		
Bee Creek	911.23	+							X	X		X		X		
Cottonwood Creek	911.30	X	X	X	X		X		X	X		X	X	X	X	X
Hauser Creek	911.30	X	X	X	X		X		X	X		X	X	X		X
Salazar Canyon	911.30	X	X	X	X		X		X	X		X	X	X		
Pine Valley Creek	911.30	X	X	X	X		X		X	X		X	X	X		X
Boneyard Canyon	911.30	X	X	X	X		X		X	X		X	X	X		
Skye Valley	911.30	X	X	X	X		X	X	X	X	X	X	X	X		
Oak Valley	911.30	X	X	X	X		X		X	X		X	X	X		X
Nelson Canyon	911.30	X	X	X	X		X		X	X		X	X	X		

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

BENEFICIAL USES OF WATERS OF THE STATE THAT MAY BE AFFECTED BY THE SUNRISE POWERLINK PROJECT: SAN DIEGO REGION INLAND SURFACE WATERS (CONT.)	Hydrologic Unit Basin Number	M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Secret Canyon	911.30	X	X	X	X		X		X	X		X	X	X		
Horsethief Canyon	911.30	X	X	X	X		X		X	X		X	X	X		
Espinosa Creek	911.30	X	X	X	X		X		X	X		X	X	X		
Wilson Creek	911.30	X	X	X	X		X		X	X		X	X	X		X
Pats Canyon	911.30	X	X	X	X		X		X	X		X	X	X		
La Posta Creek	911.70	X	X	X	X		X		O	X		X	X	X		
Simmons Canyon	911.70	X	X	X	X		X		O	X		X	X	X		

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

Reservoirs & Lakes		M U N	A G R	I N D	P R O C	G W R	F R S H	R E C 1	R E C 2	W A R M	C O L D	W I L D	R A R E	P O W
El Capitan Reservoir	907.31	X	X	X	X			X ¹	X	X	X	X		
Loveland Reservoir	909.31	X	X	X	X		X	X	X	X	X			
Barrett Lake	911.30	X	X	X	X		X	X	X	X	X	X	X	

X = Existing Beneficial Use

0 = Potential Beneficial Use

+ = Excepted from MUN. The water body has been exempted by the Regional Board from the municipal use designation under the terms and conditions of State Board Resolution No. 88-63, *Sources of Drinking Water Policy*.

Note 1: Waterbodies are listed multiple times if they cross hydrologic area or sub area boundaries.

Note 2: Beneficial use designations apply to all tributaries to the indicated waterbody, if not listed separately.

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

**BENEFICIAL USES OF WATERS OF THE STATE THAT MAY BE AFFECTED BY THE
SUNRISE POWERLINK PROJECT: COLORADO RIVER BASIN REGION**

source: http://www.waterboards.ca.gov/colorado/river/publications_forms/publications/docs/basinplan_2006.pdf

Key to use codes at end of tables

	Water Board Hydrologic Unit Code	M U N	A G R	A Q U A	F R S H	I N D	G W R	R E C I	R E C II	W A R M	C O L D	W I L D	P O W	R A R E
Tule Creek	22.71, 22.72	P	X				X	X	X	X		X		
Carrizo Creek	23.10, 23.20 22.71, 22.72		X		X	X	X	X		X		X		
Unlisted Perennial and Intermittent Streams		P ₁₁			I X ₁₂		I X	I P X	I X	I X		I X		I X ₁₃
Washes (Ephemeral Streams)					I ₁₂		I		I	see note 7		I		

Listing of the beneficial uses is indicated by X for existing uses, P for potential uses, and I for intermittent uses.

FOOTNOTES: Footnotes are numbered as found in the Basin Plan.

7. Use, if any, to be determined on a case-by-case basis.

11. Potential use designations will be determined on a case-by-case basis as necessary in accordance with the "Sources of Drinking Water Policy" in this chapter.

12. Applies only to tributaries to Salton Sea.

13. Rare, endangered, or threatened wildlife exists in or utilizes some of these waterway(s). If the RARE beneficial use may be affected by a water quality control decision, responsibility for substantiation of the existence of rare, endangered, or threatened species on a case-by-case basis is upon the California Department of Fish and Game on its own initiative and/or at the request of the Regional Board; and such substantiation must be provided within a reasonable time frame as approved by the Regional Board.

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

Beneficial Use Designations for the San Diego and Colorado River Basin Water Quality Control Regions.

For complete text and discussion of these beneficial uses, see Regional Basin Plans. Uses listed here are not necessarily affected by the Sunrise Powerlink Project.

Municipal and Domestic Supply (MUN) – Includes uses of water for community, military, or individual water supply systems including, but not limited to, drinking water supply.

Agricultural Supply (AGR) - Includes uses of water for farming, horticulture, or ranching including, but not limited to, irrigation, stock watering, or support of vegetation for range grazing.

Industrial Process Supply (PROC) - Includes uses of water for industrial activities that depend primarily on water quality.

Aquaculture (AQUA) - Includes the uses of water for aquaculture or mariculture operations including, but not limited to, propagation, cultivation, maintenance, or harvesting of aquatic plants and animals for human consumption or bait purposes.

Warm Freshwater Habitat (WARM) – Includes uses of water that support warm water ecosystems including, but not limited to, preservation or enhancement of aquatic habitats, vegetation, fish or wildlife, including invertebrates.

Cold Freshwater Habitat (COLD) - Includes uses of water that support cold water ecosystems including, but not limited to, preservation or enhancement of aquatic habitats, vegetation, fish or wildlife, including invertebrates.

Inland Saline Water Habitat (SAL) - Includes uses of water that support inland saline water ecosystems including, but not limited to, preservation or enhancement of aquatic saline habitats, vegetation, fish, or wildlife, including invertebrates.

Estuarine Habitat (EST) - Includes uses of water that support estuarine ecosystems including, but not limited to, preservation or enhancement of estuarine habitats, vegetation, fish, shellfish, or wildlife (e.g., estuarine mammals, waterfowl, shorebirds).

Marine Habitat (MAR) - Includes uses of water that support marine ecosystems including, but not limited to, preservation or enhancement of marine habitats, vegetation such as kelp, fish, shellfish, or wildlife (e.g., marine mammals, shorebirds).

Wildlife Habitat (WILD) - Includes uses of water that support terrestrial ecosystems including, but not limited to, preservation and enhancement of terrestrial habitats, vegetation, wildlife (e.g., mammals, birds, reptiles, amphibians, invertebrates), or wildlife water and food sources.

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

Rare, Threatened, or Endangered Species (RARE) - Includes uses of water that support habitats necessary, at least in part, for the survival and successful maintenance of plant or animal species established under state or federal law as rare, threatened or endangered.

Migration of Aquatic Organisms (MIGR) - Includes uses of water that support habitats necessary for migration, acclimatization between fresh and salt water, or other temporary activities by aquatic organisms, such as anadromous fish.

Spawning, Reproduction, and/or Early Development (SPWN) - Includes uses of water that support high quality aquatic habitats suitable for reproduction and early development of fish. This use is applicable only for the protection of anadromous fish.

Shellfish Harvesting (SHELL) - Includes uses of water that support habitats suitable for the collection of filter-feeding shellfish (e.g., clams, oysters and mussels) for human consumption, commercial, or sport purposes. CATEGORY DEFINITION

Hydropower Generation (POW) - Uses of water for hydropower generation.

Freshwater Replenishment (FRSH) - Uses of water for natural or artificial maintenance of surface water quantity or quality.

SUNRISE POWERLINK PROJECT INFORMATION SHEET SUPPLEMENTAL INFORMATION

Candidate, Sensitive, or Special Status Species

Existing fish or wildlife resources the project could substantially adversely affect, include those shown on the following table:

Sunrise Powerlink SWRCB 401 Water Quality Certification

Table 5. Federally and State Listed Plant and Wildlife Species Potentially Occurring in the Project Area

Common Name	Scientific Name	Federal Status	State Status	Critical Habitat Present	2009 Survey Results
Plants					
San Diego thormint	<i>Acanthomintha illicifolia</i>	Threatened	Endangered	None	Absent
Mojave tarplant	<i>Deinandra mohavensis</i> (= <i>Hemizonia mohavensis</i>)		Endangered	None	Absent
Short-leaved dudleya	<i>Dudleya brevifolia</i> (= <i>D. blochmaniae</i> ssp. <i>brevifolia</i>)		Endangered	None	Absent
Willow monardella	<i>Monardella linoides</i> ssp. <i>viminea</i>	Endangered	Endangered	None	Absent
Dehesa nolina	<i>Nolina interrata</i>		Endangered	None	Absent
Wildlife					
Arroyo Toad	<i>Bufo californicus</i>	Endangered		None	Present
Swainson's Hawk	<i>Buteo swainsoni</i>		Threatened	None	Absent
Barefoot Banded Gecko	<i>Coleonyx switaki</i>		Threatened	None	Present [†]
Willow Flycatcher [‡]	<i>Empidonax traillii</i>	Endangered	Endangered	None	Present
Quino Checkerspot Butterfly	<i>Euphydryas editha quino</i>	Endangered		Yes	Absent
Peninsular Bighorn Sheep	<i>Ovis canadensis nelsoni</i>	Endangered		Yes	N/A
Coastal California Gnatcatcher	<i>Polioptila californica californica</i>	Threatened		Yes	Present
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	Endangered	Endangered	None	Present
[†] No Barefoot Banded Geckos were observed within the SRPL ROW during 2009 surveys; however, the Applicant is assuming the presence of this species within the ROW. [‡] Willow flycatcher (<i>Empidonax traillii</i>) is listed as endangered under CESA and this listing includes all subspecies. The southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) subspecies is listed as endangered under FESA.					

In addition, the following species may, if present, be affected by the proposed project and have been the subject of resource surveys conducted by the applicant for the CEQA lead agency.

INVERTEBRATES - Quino checkerspot butterfly (*Euphydryas editha quino*);
 AMPHIBIANS - coast range newt (*Taricha torosa torosa*), large-blotched salamander (*Ensatina eschscholtzii klauberi*), western spadefoot toad (*Spea hammondi*), western toad (*Bufo boreas*), arroyo toad (*Bufo californicus*);

SUNRISE POWERLINK PROJECT INFORMATION SHEET SUPPLEMENTAL INFORMATION

REPTILES - barefoot banded gecko (*Coleonyx switaki*), Long-nosed leopard lizard (*Gambelia wislizenii*), coast (San Diego) horned lizard (*Phrynosoma coronatum blainvillei*), flat-tailed horned lizard (*Phrynosoma mcallii*), side-blotched lizard (*Uta stansburiana*), western fence lizard (*Sceloporus occidentalis*), zebra-tailed lizard (*Callisaurus draconoides*), Coronado skink (*Eumeces skiltonianus inerpaietalis*), Belding's orange throated whiptail (*Aspidoscelis hyperythra beldingi*), silvery legless lizard (*Anniellapulchra pulchra*), coastal rosy boa (*Charina trivirgata roseofusca*), San Diego mountain kingsnake (*Lampropeltis zonata pulchra*), gopher snake (*Pituophis catenifer*), coast patch-nosed snake (*Salvadora hexalepis virgultea*), San Diego ringneck snake (*Diadophis punctatus simiJis*), common garter snake (*Thamnophis sirlalis*), two-striped garter snake (*Thamnophis hammondii*), western rattlesnake (*Crotalus viridis*), red diamond rattlesnake (*Crotalus exsul*);

BIRDS - California quail (*Callipepla californica*), white-tailed kite (*Elanus leucurus*), northern harrier (*Circus cyaneus*), sharp-shinned hawk (*Accipiter striatus*), Cooper's hawk (*Accipiter cooperii*), Swainson's hawk (*Buteo swainsoni*), red-tailed hawk (*Buteo jamaicensis*), ferruginous hawk (*Buteo regalis*), American kestrel (*Falco sparverius*), prairie falcon (*Falco mexicanus*), killdeer (*Charadrius vociferous*), mountain plover (*Charadrius montanus*), mourning dove (*Zenaida macroura*), yellow-billed cuckoo (*Coccyzus americanus*), burrowing owl (*Athene cunicularia*), long-eared owl (*Asio otus*), black swift (*Cypseloides niger*), Anna's hummingbird (*Calypte anna*), rufous hummingbird (*Selasphorus rufus*), acorn woodpecker (*Melanerpes formicivorus*), southwestern willow flycatcher (*Empidonax traillii extimus*), black phoebe (*Sayornis nigricans*), ash-throated flycatcher (*Myiarchus cinerascens*), loggerhead shrike (*Lanius ludovicianus*), least Bell's vireo (*Vireo bellii pusillus*), gray vireo (*Vireo vicinior*), western scrub-jay (*Aphelocoma californica*), California horned lark (*Eremophila alpestris actia*), oak titmouse (*Baeolophus inornatus*), bushtit (*Psaltiriparus minimus*), cactus wren (*Campylorhynchus brunneicapillus*), Bewick's wren (*Thryomanes bewickii*), California gnatcatcher (*Polioptila californica californica*), northern mockingbird (*Mimus polyglottos*), Bendire's thrasher (*Toxostoma bendirei*), California thrasher (*Toxostoma redivivum*), Crissal thrasher (*Toxostoma crissale*), Le Conte's thrasher (*Toxostoma lecontei*), yellow warbler (*Dendroica petechia*), yellow-breasted chat (*Icteria virens*), summer tanager (*Piranga rubra*), spotted towhee (*Pipilo maculatus*), California rufous-crowned sparrow (*Aimophila ruficeps canescens*), black-throated sparrow (*Amphispiza bilineata*), Bell's sage sparrow (*Amphispiza belli belli*), grasshopper sparrow (*Ammodramus savannarum*), tricolored blackbird (*Agelaius tricolor*), western meadowlark (*Stumella neglecta*);

MAMMALS - Mexican long-tongued bat (*Choeronycteris mexicana*), California leaf-nosed bat (*Macrotus californicus*), Townsend's big-eared bat (*Corynorhinus townsendii*), small-footed myotis (*Myotis ciliolabrum*), long-legged myotis (*Myotis volans interior*), fringed myotis (*Myotis thysanodes thysanodes*), Yuma myotis (*Myotis yumanensis saturatus*), long-eared myotis (*Myotis evotis evotis*), pallid bat (*Antrozous pallidus*), western mastiff bat (*Eumops perotis californicus*), pocketed free-tailed bat (*Nyctinomops femorosaccus*), big free-tailed bat (*Nyctinomops macrotis*), Audubon's cottontail (*Sylvilagus audubonii*), San Diego black-tailed jackrabbit (*Lepus Californicus bennettii*), western gray squirrel (*Sciurus griseus*), California ground squirrel (*Spermophilus*

SUNRISE POWERLINK PROJECT INFORMATION SHEET SUPPLEMENTAL INFORMATION

beecheyi), Botta's pocket gopher (*Thomomys bottae*), Stephen's kangaroo rat (*Dipodomys stephensi*), Jacumba little pocket mouse (*Perognathus longimembris internationalis*), northwestern San Diego pocket mouse (*Chaetodipus fallax fallax*), pallid San Diego pocket mouse (*Chaetodipus fallax pallidus*), Dulzura pocket mouse (*Chaetodipus californicus femoralis*), California vole (*Microtus californicus*), southern grasshopper mouse (*Onychomys torridus ramona*), western harvest mouse (*Reithrodontomys megalotis*), San Diego desert woodrat (*Neotomalepida intermedia*), gray fox (*Urocyon cinereoargenteus*), coyote (*Canis latrans*), ringtail (*Bassariscus astutus*), raccoon (*Procyon lotor*), American badger (*Taxidea taxus*), striped skunk (*Mephitis mephitis*), bobcat (*Lynx rufus*), mule deer (*Odocoileus hemionus*), Peninsular bighorn sheep (*Ovis canadensis nelsoni*);
PLANTS - San Diego thornmint (*Acanthomintha i1icifolia*), willow monardella (*Monardella linoides ssp. viminea*); and all other aquatic and wildlife resources in the project vicinity.

Other Permits/Licenses/Agreements/Plans

This is a partial list. Only the permits that have some interaction with the Sunrise 401 Certification are listed here. A complete list is found in the CPUC's FEIR and supporting documents.

Federal (Type and Permit/License Number):

U.S. Army Corps of Engineers Nationwide Permit 12 (135 separate and individual projects), file no. 2007-00704-SAS.

U.S. Fish and Wildlife Service Biological Opinion FWS-2008B0423-2009F0097 dated January 16, 2009.

U.S. Forest Service – Cleveland National Forest Special Use Permit (In federal court as of October 28, 2010).

Bureau of Land Management - Right of Way Grant (In federal court as of October 28, 2010).

State (Type and Permit/License/Agreement Number):

California Department of Fish and Game Stream and Lakebed Alteration Agreement no.

Other County, City, etc. (Type and Permit/License Number):

Numerous county and city permits and licences not pertaining to the Water Board's authorities also affect the project. These are documented on the CPUC's project website.

Any Required Documents or Plan Submittals (SWPPP, Mitigation & Monitoring, etc.)

Key supporting documents for the project are:

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

Sunrise Mitigation Monitoring and Compliance Reporting Plan

Sunrise Conceptual Habitat Mitigation and Management Plan (including Habitat Management Plans for each proposed compensatory mitigation property). The conceptual HMMP will be succeeded by a Final HMMP.

Final Basis of Design Report – Sunrise Powerlink 230kV & 500kV Access Roads and Maintenance Pads. (Prepared by: Bureau Veritas, North America, Inc., 11590 West Bernardo Court, Suite 100, San Diego, CA 92717-1624 Updated August 6, 2010)

SDG&E Access Road Maintenance Guidelines, Provided to Cleveland National Forest to support Category 3 2010 Road Maintenance Submittal (eTS 20281). 5/21/2010

SDG&E Water Quality Construction Best Management Practices Manual, (URS Project No. 27644947.03 B00, December 2002)

SDG&E Design and Procedure Manual (Provided as Appendix C of the Basis of Design Report)

SUNRISE POWERLINK PROJECT INFORMATION SHEET SUPPLEMENTAL INFORMATION

Proponent Provided Mitigation Information

Five sites are proposed as compensatory mitigation for Project effects. Detailed, site specific management plans for each of these sites are under preparation. Each site will be deeded or transferred to responsible agencies or non-profit entities for management in perpetuity. All sites except Desert Cahuilla are currently in private ownership, and purchases are either complete or in progress.

The Desert Cahuilla Property is currently State Land managed by the State Lands Commission. It is to be transferred to Anza Borrego State Park. A sum of \$2.5 million is set aside by the applicant to pay for administrative costs for the transfer of title. An additional \$4 million is set aside as a permanent endowment for the management of the property (any funds of the \$2.5 million for transfer costs that remain after transfer of title will be added to the \$4 million endowment). This site will primarily offer preservation of existing resources. This offer is accepted because of the unique and threatened wildlife resources of the site, the size of the site, and because the primary beneficial use of the affected waters for which this site would mitigate is wildlife.

Lightener Property - Mitigation Site Location(s): Located 1.5 miles south of Interstate 8 off of Japatul Valley Road and Bell Bluff Truck Trail.

Mitigation Site Lat/Long(s): 116° 40' 48" W, 32° 48' 41" N

Name of Watershed & Hydrologic Unit: Loveland HSA (909.31)

Mitigation Site City and County: Alpine, San Diego County

Chocolate Canyon Property - Mitigation Site Location(s): Located north of Interstate 8, directly adjacent to the highway off Peutz Valley Road.

Mitigation Site Lat/Long(s): 116° 48' 17" W, 32° 51' 14" N

Name of Watershed & Hydrologic Unit: Conejos Creek HSA (907.31)

Mitigation Site City and County: Alpine, San Diego County

Suckle Property - Mitigation Site Location(s): Located along Interstate 8 within the upper reaches of the Salton Sea watershed.

Mitigation Site Lat/Long(s): 116° 06' 12" W, 32° 40' 07" N

Name of Watershed & Hydrologic Unit: Coyote Wells HA (723.20)

Mitigation Site City and County: Ocotillo, Imperial County

Desert Cahuilla Property - Mitigation Site Location(s): Located within the upper portion of the Salton Sea watershed, 7 miles west of the Salton Sea.

Mitigation Site Lat/Long(s): 116° 04' 31" W, 33° 19' 51" N

Name of Watershed & Hydrologic Unit: West Salton Hydrologic Unit (721.00)

Mitigation Site City and County: Salton City, Imperial County

Long Potrero Property - Mitigation Site Location(s): Located 7.5 miles southwest of Interstate 8 off of Buckman Springs Road and Highway 94/Campo Road.

Mitigation Site Lat/Long(s): 116° 34' 56" W, 32° 38' 31" N

Name of Watershed & Hydrologic Unit: Long Potrero HSA (911.25)

Mitigation Site City and County: Jamul, San Diego County

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

SUNRISE POWERLINK INDIVIDUAL IMPACTS TO WATERS BY TYPE								
	TEMPORARY IMPACTS				TEMPORARY IMPACTS			
	WATERS OF THE U.S.	Avg. CY	WATERS OF THE STATE	Avg. CY	WATERS OF THE U.S.	Avg. CY	WATERS OF THE STATE	Avg. CY
EFFECTS TO WETLAND AREAS								
Str= Structure								
PCMP= Permanent Construction and Maintenance Pad								
TSAP= Tower Structure Access Pad								
AR= Permanent Access Road	2	900	2	900				
ERM= Existing Road (major improvements/reconstruction)								
AR Grad= Grading impacts associated with access roads	1	1,412	1	1,412				
PCMP Grad= Grading impacts associated with PCMPs								
Sub= Substation								
PPS= Permanent Pull Site								
TCMP= Temporary Construction and Maintenance Pad								
CY= Construction Yard								
AR= Temporary Access Road								
TPS= Temporary Pull Site								
EFFECTS TO WETLAND AREAS - SUM	3	2312	3	2312				

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

SUNRISE POWERLINK INDIVIDUAL IMPACTS TO WATERS BY TYPE (CONT.)								
EFFECTS TO STREAMS (DRY WASHES)	TEMPORARY IMPACTS				TEMPORARY IMPACTS			
BY TYPE	WATERS OF THE U.S.	Avg. CY	WATERS OF THE STATE	Avg. CY	WATERS OF THE U.S.	Avg. CY	WATERS OF THE STATE	Avg. CY
Str= Structure	8	1	8	1				
PCMP= Permanent Construction and Maintenance Pad	43	30	43	30				
TSAP= Tower Structure Access Pad	6	30	6	30				
AR= Permanent Access Road	55	24	55	24				
ERM= Existing Road (major improvements/reconstruction)								
AR Grad= Grading impacts associated with access roads	36	14	36	14				
PCMP Grad= Grading impacts associated with PCMPs	5	3	5	3				
Sub= Substation								
PPS= Permanent Pull Site								
TCMP= Temporary Construction and Maintenance Pad					79	67	79	67
CY= Construction Yard					10	252	10	252
AR= Temporary Access Road					4	2	4	2
TPS= Temporary Pull Site					24	95	24	95
AFFECTS TO STREAMS (DRY WASHES) - SUM	153	102	153	102	117	416	117	416

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

SUNRISE POWERLINK INDIVIDUAL IMPACTS TO WATERS BY TYPE (CONT.)								
EFFECTS TO STREAMS (OTHER EPHEMERAL)	TEMPORARY IMPACTS				TEMPORARY IMPACTS			
BY TYPE	WATERS OF THE U.S.	Avg. CY	WATERS OF THE STATE	Avg. CY	WATERS OF THE U.S.	Avg. CY	WATERS OF THE STATE	Avg. CY
Str= Structure	1	1	1	1				
PCMP= Permanent Construction and Maintenance Pad	12	6	12	6				
TSAP= Tower Structure Access Pad	3	2	3	2				
AR= Permanent Access Road	24	69	24	69				
ERM= Existing Road (major improvements/reconstruction)								
AR Grad= Grading impacts associated with access roads	34	57	34	57				
PCMP Grad= Grading impacts associated with PCMPs								
Sub= Substation	9	792	9	792				
PPS= Permanent Pull Site								
TCMP= Temporary Construction and Maintenance Pad					17	14	17	14
CY= Construction Yard					10	239	10	239
AR= Temporary Access Road					7	83	7	83
TPS= Temporary Pull Site					15	264	15	264
AFFECTS TO STREAMS (OTHER EPHEMERAL) - SUM	83	927	83	927	49	600	49	600

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

SUNRISE POWERLINK INDIVIDUAL IMPACTS TO WATERS BY TYPE (CONT.)								
EFFECTS TO STREAMS (INTERMITTENT)	TEMPORARY IMPACTS				TEMPORARY IMPACTS			
BY TYPE	WATERS OF THE U.S.	Avg. CY	WATERS OF THE STATE	Avg. CY	WATERS OF THE U.S.	Avg. CY	WATERS OF THE STATE	Avg. CY
PCMP= Permanent Construction and Maintenance Pad								
TSAP= Tower Structure Access Pad								
AR= Permanent Access Road	2	93	2	93				
ERM= Existing Road (major improvements/reconstruction)								
AR Grad= Grading impacts associated with access roads	1	58	1	58				
PCMP Grad= Grading impacts associated with PCMPs								
Sub= Substation	1	2,933	1	2,933				
PPS= Permanent Pull Site								
TCMP= Temporary Construction and Maintenance Pad					1	4	1	4
CY= Construction Yard								
AR= Temporary Access Road								
TPS= Temporary Pull Site					1	68	1	68
AFFECTS TO STREAMS (INTERMITTENT) - SUM	4	3084	4	3084	2	72	2	72

**SUNRISE POWERLINK PROJECT INFORMATION SHEET
SUPPLEMENTAL INFORMATION**

SUNRISE POWERLINK INDIVIDUAL IMPACTS TO WATERS BY TYPE (CONT.)								
EFFECTS TO STREAMS (PERENNIAL)	TEMPORARY IMPACTS				TEMPORARY IMPACTS			
BY TYPE	WATERS OF THE U.S.	Avg. CY	WATERS OF THE STATE	Avg. CY	WATERS OF THE U.S.	Avg. CY	WATERS OF THE STATE	Avg. CY
PCMP= Permanent Construction and Maintenance Pad								
TSAP= Tower Structure Access Pad								
AR= Permanent Access Road	1	*	1					
ERM= Existing Road (major improvements/reconstruction)								
AR Grad= Grading impacts associated with access roads	1	*	1					
PCMP Grad= Grading impacts associated with PCMPs								
Sub= Substation								
PPS= Permanent Pull Site								
TCMP= Temporary Construction and Maintenance Pad								
CY= Construction Yard								
AR= Temporary Access Road								
TPS= Temporary Pull Site								
AFFECTS TO STREAMS (PERENNIAL) - SUM	2	0	2	0	0	0	0	0
AFFECTS TO STREAMS (all classes) - SUM	242	4113	242	4113	168	1088	168	1088
AGGREGATE SUMS	245	6425	245	6425	168	1088	168	1088