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Project Information Form



Project Identifiers	
WDID No:	SB10002IN
Reg. Meas. ID:	
Place ID:	
Party ID:	
USACOE No:	
Other File No:	

PROJECT INFORMATION

Details

Application Received Date:	October 14, 2013
Application Completed Date:	December 11, 2013
Additional Info Completed Date:	
Applicant:	Southern California Edison
Applicant Representative(s):	Hazem Gabr
Project Title:	Tehachapi Renewable Transmission Project (TRTP) Segment 7&8
Regulating Water Board:	SB – State Water Board
Type of Project:	Utilities → Overhead (large)

Project Description:

TRTP Segment 7&8 Project activities include installation of transmission structures/ towers and transmission lines. Construction requires the creation of temporary wire setup sites (for pulling, splicing, stringing wire), permanent and temporary grading limits, and construction work areas. The (Chino Hills Underground) CHUG component of the Project includes the construction of a new 500 kV underground transmission line along a portion of Segment 8. Activities associated with the CHUG portion of the Project that will result in fill or excavation of waters of the U.S. include: site preparation and temporary construction access; construction of duct banks, vault structures, transition stations, permanent access roads, and stormwater management facilities; vegetation management; and temporary water diversions.

Location

City:	Rio Hondo, Mesa (Segment 7); Chino Hills, Mira Loma (Segment 8). (see Attachment D, Regional Location Map)
County:	Los Angeles and San Bernardino Counties
Cross Streets:	See Supplemental Project Information Sheet
Section, Township, Range:	See Supplemental Project Information Sheet
Zip code:	See Supplemental Project Information Sheet
Directions:	See Supplemental Project Information Sheet
Latitude(s) and Longitude(s):	See Supplemental Project Information Sheet

Public Notice

Water Board Public Notice: Information regarding this project was noticed on the State Water Board's web-site from December 17, 2013 to January 8, 2014

No Comments were received. Comments were responded to in writing.

Fees

Application Fee Provided: A certification fee of \$22,655 was submitted on December 5, 2013 as required by 23 CCR §3833b(2)(A) and by 23 CCR § 2200(e). An additional fee of \$492 to offset additional design impacts was received on April 18, 2014 as required by 23 CCR §3833b(2)(A) and by 23 CCR § 2200(e).



Hydrologic Information	
Receiving Water(s):	See Supplemental Project Information Sheet
Hydrologic Unit(s):	The Santa Ana River Hydrologic Unit (HU), the Los Angeles River HU, and San Gabriel River HU.
Water Body Type(s):	Riparian, streambed (includes vegetated and unvegetated streambeds)

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

Candidate, Sensitive, or Special Status Species
The proposed project has the potential to impact Least Bell's Vireo, burrowing owl, coastal California gnatcatcher, and migratory/nesting birds.

Other Permits/Licenses/Agreements/Plans
Federal (Type and Permit/License Number):
Approved Clean Water Act Section 404 Nationwide Permit (NWP) 12 from the U.S. Army Corps of Engineers (Corps) / pending approval by the Corps.
State (Type and Permit/License/Agreement Number):
California Department of Fish and Wildlife (CDFW), Streambed Alteration Agreement / pending issuance by CDFW. California General Permits for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Construction General Permits), State Water Resources Control Board (SWRCB) Order No. 2009-0009-DWQ, National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000002, as a Linear Underground/Overhead Project (LUP) for Segment 7&8 have been issued by the State Water Board. SCE is covered under the following WDID#s: Segment 7 T/L WDID# 8 36C359549; Segments 7 & 8 66 kV WDID# 4 19C358757 and 8 36C358837; Segment 8 T/L Phase I (Chino Hills) WDID# 4 19C359099 and 8 36C359097; Segment 8 T/L East (Phases II & III) WDID# 8 36C359549; and Segment 8 T/L West (Phase 4) WDID# 4 19C360150). The Phase I Stormwater Pollution Prevention Plan (SWPPP) for Segment 8 will be amended to address the Chino Hills UG alignment, as part of compliance with the existing Construction General Permit.
Other County, City, etc. (Type and Permit/License Number):
Any Required Documents or Plan Submittals (SWPPP, Mitigation & Monitoring, etc.):
Stormwater Pollution Prevention Plan (SWPPP), Habitat Mitigation and Monitoring Plan Segments 7&8 and CHUG HMMP Addendum (draft submitted February 2013). For more information, see Supplemental Project Information Sheet.



NEPA and/or CEQA Compliance	
Document type:	Final EIR/EIS for the TRTP
Lead Agency:	California Public Utilities Commission (CPUC) and USDA Forest Service.
Date completed:	Final EIR (December 2009), Final EIS (September 2010), Draft Supplemental EIS for ANF Station Fire (April 2010), Draft Supplemental EIR/EIS for the FAA's recommendations (April 2013), and Addendum to the FEIR for the City of Chino Hills (June 2013)
State Clearinghouse Number:	No. 2007081156

IMPACTS
Describe Potential Water Quality Impacts:
Project activities have the potential to increase erosion and expose waters of the U.S. to pollutant sources common to construction activities. All Project impacts are considered to be from fill activities; there are no dredge/excavation impacts. BMPs will be installed to reduce erosion and avoid sedimentation or other degradation of water quality. For more information, see Supplemental Project Information Sheet, and Attachment C, Project Tables.

Final Project Impacts (Fill)*						
Water Body Type	Permanent			Temporary		
	Acres**	Linear Feet	Cubic Yards	Acres**	Linear Feet	Cubic Yards
Lake						
Ocean						
Riparian						
Streambed	0.1333	1,068	2,992	0.9501	5,611	350
Vernal Pool						
Wetland	0.2478	253	1,559	0.7283	631	negligible

* Include all three measurements (acres, linear feet and cubic yards) for all federal and non-federal water body types.
 ** Provide acres to four decimal places (e.g., 0.0006).

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

* 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 water body 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
<i>Impacts (Acres)**</i>	0.10	0.38	0.99	1.67	N/A	N/A	N/A	N/A

* Include impacts to both federal and non-federal waters.
 ** Provide acres to two decimal places (e.g., 0.06).

MITIGATION
Describe Avoidance and Minimization for Impacts to Waters:
See Supplemental Project Information Sheet
Describe Compensatory Mitigation for Impacts to Waters (temporary and permanent):
Provided Habitat Mitigation and Monitoring Plan (HMMP) Segments 7&8 (provided for previously permitted impacts) and a CHUG Addendum HMMP (conceptual plan submitted February 14, 2014).

Compensatory Mitigation (Proponent Provided)								
Water Body Type	Acres Established		Acres Restored		Acres Enhanced		Acres Preserved	
	Temp.*	Perm.	Temp.*	Perm.	Temp.*	Perm.	Temp.*	Perm.
<i>Lake</i>								
<i>Ocean</i>								
<i>Riparian</i>			To Be Determined (TBD)					TBD
<i>Streambed</i>			TBD					TBD
<i>Vernal Pool</i>								
<i>Wetland</i>								

* 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)				
Water Body Type	Acres Established	Acres Restored	Acres Enhanced	Acres Preserved
<i>Lake</i>				
<i>Ocean</i>				
<i>Riparian</i>				
<i>Streambed</i>				
<i>Vernal Pool</i>				
<i>Wetland</i>				



Compensatory Mitigation (In-Lieu)				
Water Body 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:	Santa Ana Watershed Authority (SAWA)	Riverside–Corona Resource Conservation District (RCRCD). The RCRCD is a member of SAWA.
Address of In-lieu mitigation sponsor:	SAWA address: P.O. Box 5407 Riverside, CA 92517	RCRCD Address: 4500 Glenwood Dr. Ste A, Riverside, Ca. 92517
Description of in-lieu mitigation arrangements:	SCE purchased 0.38-acre riparian enhancement from a USACE-approved in-lieu fee program for Seg 7&8 impacts on June 7, 2013	SCE proposed the purchase of 0.6475 acres of credits from the RCRCD ILF Program for CHUG impacts. Credits proposed are for Rehabilitation.
In-lieu mitigation location:	Santa Ana River Watershed (including all major	As with SAWA, RCRCD is an ILF Program. As stated



In-Lieu Mitigation Information (If Applicable)*		
	Program 1	Program 2
	tributaries located within parts of San Bernardino, Riverside, Los Angeles and Orange Counties) SAWA established an ILF Program with the USACE primarily for wetlands, riparian woodlands and invasive species removal (enhancement), emphasizing removal of giant reed (<i>Arundo donax</i>).	in the Chino Hills Draft HMMP Chapter 6 in the Offsite Mitigation section subheading USACE/SWRCB Offsite Mitigation: Specific needs within the watershed would be identified and compensatory mitigation would be directed at these areas. Specific locations in which the RCRCO operates within the Santa Ana River Watershed are as follows: With SAWA, RCRCO conducts ongoing invasive plant monitoring and/or removal projects at Alessandro Arroyo, Fairmount Park Wilderness Area, La Sierra Creek, Mockingbird Canyon, Temescal Canyon, the mainstem of the Santa Ana River, and at the River Road Bridge.
In-lieu mitigation Lat/Long(s):	N/A - In-Lieu Fee, no specific location assigned	N/A - In-Lieu Fee, no specific location assigned
In-lieu mitigation City and County:	San Bernardino, Riverside, Los Angeles and Orange Counties.	Riverside
Name of Watershed & Hydrologic Unit :	Santa Ana River Watershed	Santa Ana River Watershed
*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 (\$):		

Supplemental Project Information

Attachment B

TRTP: SEGMENT 7&8 PROJECT INFORMATION

SUPPLEMENTAL PROJECT INFORMATION

Applicant: Mr. Hazem Gabr
Southern California Edison
1218 South Fifth Avenue
Monrovia, CA 91016

Project Name: TRTP Segments 7 and 8 (Project)

Project Location: Various (see Attachment D)

Type of Project: Transmission Line

Project Description: SCE's TRTP Segments 7 and 8, is a project component, or "Work Package", of the proposed TRTP. The TRTP is comprised of Segments 4-11. The overall TRTP project includes the construction of new and upgraded transmission infrastructure along approximately 173 miles of new and existing rights of way (ROW) in southern Kern County, portions of Los Angeles County, including the Angeles National Forest; and the southwestern portion of San Bernardino County, California. SCE's stated objectives for the TRTP project are to provide the electrical transmission facilities necessary to add new levels of wind generation in excess of 700 megawatts (MW) and up to approximately 4,500 MW from the Tehachapi Wind Resource Area to the SCE service area. The TRTP project will enable SCE and other California utilities to comply with the California Renewables Portfolio Standard (RPS) goals.

The TRTP Segments 7 & 8 alignment incorporates approximately 49 miles of 500kV transmission line and seven miles of 220kV transmission line. The alignment includes the installation of 313 new transmission structures and 72 tubular steel riser poles; and the removal of 313 towers. The Project alignment extends from the southern boundary of the Angeles National Forest, continues forward to the Rio Hondo Substation, then continues to the southwest across the San Gabriel Valley to the Mesa Substation (Segment 7 alignment). From the Mesa Substation, the Project alignment extends eastward to the Chino Substation, and then continues eastward before ending at the Mira Loma Substation (Segment 8 alignment). Existing substations (Segment 9) will be upgraded to accommodate new transmission lines and systems (All substations are grouped together as Segment 9, regardless of which transmission line Segments are connected to the substations). To support the installation of the transmission lines, the following preparation will be required: creation of wire setup sites (for pulling, splicing, and stringing wire), creation of construction work areas around each tower structure, construction of new access roads, and modification of existing access roads, including modifications of road crossings of jurisdictional features (referred to as drainage modifications).

Wire setup sites require an average area of 300 feet by 100 feet to stretch the transmission line and connect it to towers. Segments 7 and 8 will

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include approximately 49 wire setup sites. Existing access roads may need to be graded, or improved, or may require vegetation trimming to accommodate construction vehicles.

On December 24, 2010, the State Water Board issued a Certification for the SCE TRTP Segments 7 and 8. The original Certification for the Project permitted 0.07 acre and 250 linear feet of permanent impacts and 0.95 acre and 4,022 linear feet of temporary impacts to waters of the U.S.

Projected permanent and temporary effects to waters of the U.S. for the Project are summarized in Attachment C.

SUMMARY OF PROJECT CHANGES:

Table 1. History of Segment 7&8 Certification Actions

Certification Action	Reason for Action	Certification Date
Original Certification	Impacts to waters of the U.S.	December 24, 2010
Amendment 1	Minor Project changes; increase in impacts to waters of the U.S.	July 13, 2011
Amendment 2	Reissued Corps NWP 12	April 4, 2012
Deviation Notice	Additional unforeseen impacts to waters of the U.S. Will be incorporated into a post-project amendment.	July 25, 2013
Amendment 3	CHUG impacts	TBD

AMENDMENT 1:

SCE's request for an amendment to the Certification was triggered by changed field conditions due to above-average winter precipitation and the discovery of waters of the U.S. within the Project footprint at Structures M24-T1 and M57-T1 in Tonner Canyon. Tonner Canyon, California received 10.37 inches of rainfall during a 7 day rain event in December 2010. The annual average rainfall in December for Brea, California is 1.29 inches. During a pre-construction survey at Structures M24-T1 and M57-T1, field staff identified a potential jurisdictional drainage within the work limits. This feature was previously identified as a non-jurisdictional swale, which lacked a bed and bank and ordinary high water mark (OHWM). ICF Regulatory Specialists (consultants for SCE) conducted a wetland delineation of the water feature (8-33-S-200) on January 14, 2011, and identified it as an ephemeral drainage. ICF Regulatory Specialists determined that the ephemeral drainage was under the jurisdiction of the U.S. Army Corps of Engineers (Corps), the State Water Board, and the California Department of Fish and Wildlife (CDFW). The construction of two transmission towers and a permanent access road at Structures M24-T1 and M57-T1 would result in 0.024 acre and 346 linear feet of permanent impact to waters of the U.S. in coast live oak woodland habitat. No temporary impacts to waters would occur at

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the site. The construction of the two transmission towers was part of the Project in the original Certification but at that time ICF Regulatory Specialists had not identified the feature as a water of the U.S. So, construction of the two transmission towers had no impact to waters of the U.S. in the original Certification.

On July 13, 2011 the State Water Board issued an amendment to the Certification due to minor Project changes and an increase in impacts to waters of the U.S.

REISSUANCE:

On October 12, 2011, the State Water Board received an application from SCE, requesting a second modification to the Certification for the Project. However, the Corps determined that it would enroll the Project as amended under the newly issued Nationwide Permit (NWP) 12. The Corps existing NWPs expired on March 18, 2012. On March 19, 2012, the Corps reissued forty-eight of forty-nine existing NWPs and all of the general conditions and definitions, with some additions and modifications. As a result of these events, the State Water Board is reissued the Certification for TRTP Segments 7 & 8 on April 4, 2012.

SCE's request for a second modification to the Certification (which was incorporated into the reissued Certification) was triggered by final engineering and construction contractor input regarding construction methods and feasibility due to steep terrain. The changes primarily involve expanded temporary work areas for construction access (including pull sites and the installation and maintenance of temporary BMPs) and/or revised permanent grading limits based on detailed surveys of site conditions as necessary to ensure site stabilization. At Structures M24-T1 and M57-T1, previously permitted impacts to feature 8-33-S-200 were modified leading to a net decrease in permanent impacts and a net increase in temporary impacts. In addition, a new road design was required to access Structures M49-T1 and M2-T4A due to property acquisition issues. The road design included several modifications to stabilize the road and prevent erosion, including installation of rip-rap, waterbars, a concrete v-ditch and terrace drain, McCarthy drains and energy dissipaters, and retaining walls. One additional instance of maintenance grading on an existing access road was also included in the modification request.

ICF Regulatory Specialists conducted a wetland delineation of water features 8-20-S-4 and newly mapped 8-20-S-400, on September 2, 2011, and identified them as ephemeral drainages that were not previously proposed for impacts. ICF Regulatory Specialists determined these would be under the jurisdiction of the Corps, the State Water Board, and the CDFW. Temporary and permanent impacts are proposed for feature 8-20-S-4 but not feature 8-20-S-400.

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Impacts on jurisdictional waters for just the modification areas included an additional 0.004 acre and 162 linear feet of permanent impacts and 0.04 acre and 956 linear feet of temporary impacts. These impacts required an additional 0.044 acre of mitigation to be installed at the Upper Lemon Creek Restoration Site. As a result, the reissued Certification covered 0.10 acre and 758 linear feet of permanent impacts and 0.99 acre and 4,978 linear feet of temporary impacts to waters of the U.S.

DEVIATION NOTICE:

On April 8, 2013, the State Water Board received an application from SCE for amendment (third modification) of the existing Certification for the TRTP Segments 7 and 8. The State Water Board determined that the Project changes and proposed activities in the application qualify as a Certification Variance (later re-named Certification Deviation), and therefore did not require an immediate amendment of the Certification. On July 25, 2013, State Water Board staff issued a notice to SCE indicating that they qualify for a Certification Deviation with regard to Project changes. More information on this is provided in Attachment E.

AMENDMENT 2:

On October 14, 2013, the State Water Board received an application from SCE for issuance of a second amendment to the Water Quality Certification for the TRTP Segments 7 and 8: Chino Hills Underground (CHUG). The application was deemed complete on December 11, 2013.

Impacts related to construction and operation of the Segments 7 and 8: CHUG project alignment include 0.28 acre and 563 linear feet of permanent impacts and 0.68 acre and 1,264 linear feet of temporary impacts to waters of the State. As a result, the amended Certification will cover 0.40 acre and 1,365 linear feet of permanent impacts and 1.72 acres and 6,312 linear feet of temporary impacts on jurisdictional waters for the entire TRTP Segments 7 and 8.

CEQA:

The California Public Utilities Commission, acting as lead agency under CEQA, and the U.S. Forest Service (Forest Service), acting as the lead agency under NEPA, approved the Final Environmental Impact Report (Final EIR) for the SCE TRTP on December 17, 2009. A Draft Supplemental Environmental Impact Statement (EIS) was released in April 2010 to address the Station Fire in the Angeles National Forest, which affected TRTP Segments 6 and 11. The Final EIS for the SCE TRTP was issued in September 2010. State Water Board staff have reviewed and considered the environmental documents and the proposed mitigation measures. The State Water Board has determined that the Project, including the approved changes to the Project, will not result in any significant adverse water quality impacts.

In November 2011, the CPUC issued an Assigned Commissioner's Ruling directing SCE to prepare testimony on new options for the portion of the TRTP known as Segment 8A that traverses the city of Chino Hills, including alternative routes, different types of overhead structures, and undergrounding options. Subsequently, the CPUC issued a Stay Notice for TRTP Segment 8 construction on January 27, 2012. A Stay

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clarification was issued by the CPUC on March 22, 2012, releasing structures in Segment 8 from Structure M57-T2 west; however, work through the City of Chino Hills remained suspended. An Addendum to the October 2009 Final EIR was prepared to assess proposed changes to the TRTP and the CPUC issued an Alternate Proposed Decision (Decision 09-12-044) approving Option Under Ground 5 (UG5) for undergrounding the TRTP through the city of Chino Hills on July 11, 2013.

Federal Agency Permit(s): The Los Angeles District of the Corps originally enrolled the Project under a 404 Nationwide (NWP) 12 in December 2010. The Corps' NWPs expired on March 18, 2012. On March 19, 2012, the Corps reissued forty-eight of forty-nine existing NWPs and all of the general conditions and definitions, with some additions and modifications. As a result, the Corps enrolled the Project under a new NWP 12 (Corps File Number SPL-2009-00588-PHT) on April 4, 2013. The Corps issued a Record of Decision (ROD) in February 2011 for SCE's Request to Cross Whittier Narrows Dam Basin and Santa Fe Dam Basin for the purpose of implementing the TRTP. This ROD allowed SCE to conduct work on the Corps' lands. The U.S. Fish and Wildlife Service (USFWS) issued a Biological Opinion (BO) (FWS-10B0117-10F0215) for the TRTP on July 31, 2010, which was modified on January 13, 2012 and August 8, 2013. The latest enrollment under NWP 12 was July 31, 2013 and included the deviation as described above for the 401 Certification. Now, the Chino Hills UG alignment will be enrolled under NWP 12.

State Agency Permit(s): CDFW issued an amendment for the 1600 agreement for TRTP Segments 7 & 8 (1600-2010-0026-R5) on April 13, 2012. The 1600 agreement will be amended again to address the Chino Hills UG alignment. CDFW previously issued a 2081 Incidental Take Permit for Segments 7 & 8 with 2 amendments dated June 1, 2011 and September 18, 2012 (Permit No. 2081-2010-028-05).

Several enrollments under NPDES General Permits for Storm Water Discharges Associated with Construction Activities (Construction General Permits) for Segment 7&8 have been processed by the State Water Board (Segment 7 T/L WDID# 8 36C359549; Segments 7 & 8 66 kV WDID# 4 19C358757 and 8 36C358837; Segment 8 T/L Phase I (Chino Hills) WDID# 4 19C359099 and 8 36C359097; Segment 8 T/L East (Phases II & III) WDID# 8 36C359549; and Segment 8 T/L West (Phase 4) WDID# 4 19C360150). The Phase I Stormwater Pollution Prevention Plan (SWPPP) for Segment 8 will be amended to address the Chino Hills UG alignment, as part of compliance with the existing Construction General Permit.

Chino Hills is a permittee under San Bernadino's Phase I MS4 permit, which can be found online at: <http://www.sbcounty.gov/dpw/land/pdf/WQMP/SantaAna-WQMP-Final-June-2013.pdf>

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Receiving Waters/
Hydrologic Units:

See Attachment C

Beneficial Uses of
Receiving Waters:

- Groundwater Recharge (GWR)
- Industrial Service Supply (IND)
- Industrial Process Supply (PROC)
- Water Contact Recreation (REC1)
- NonContact Water Recreation (REC2)
- Warm Freshwater Habitat (WARM)
- Wildlife Habitat (WILD)
- Rare, Threatened, or Endangered Species (RARE)
- Wetland Habitat (WET)

Impacted Waters:

Permanent Impacts

Streambed: 0.38 acre (1,321 linear feet)

Temporary Impacts

Streambed: 1.67 acres (6,242 linear feet)

Non-Compensatory
Mitigation:

A combination of avoidance and minimization measures is proposed to offset potential effects of Project construction to wetlands and waters of the U.S. All feasible and practical measures will be undertaken to avoid and/or minimize impacts to waters during construction. The Project will be conducted based on mitigation measures in the 2009 FEIR and 2010 FEIS for TRTP, the TRTP Project Mitigation and Monitoring Plan (MMRP), and associated documents, application materials submitted for the Certification, and conditions of this Certification.

Compensatory Mitigation:

As part of the Original Certification, SCE proposed a total of 1.32 acres of compensatory mitigation to be acquired through restoration activities at the Upper Lemon Creek mitigation site for 0.10 acres of permanent impacts and 0.99 acres of temporary impacts to streambeds. The 401 mitigation proposal at Lemon Creek was to be included within CDFW 1600 and CDFW Incidental Take Permit mitigation for impacts to Least Bell's vireo. In early 2012, CDFW determined Lemon Creek was not a suitable mitigation site for the ITP mitigation, and SCE shifted the 401 mitigation to the Santa Ana Watershed Association (SAWA) where it could be fulfilled in a timely manner, independent of the CDFW mitigation, thus minimizing temporal loss.

The reissued certification (dated April 12, 2012) required on-site restoration of 1.00 acre of temporarily impacted waters of the U.S. (excluding temporary impacts from maintenance grading on existing access roads) and the purchase of 0.38-acre riparian enhancement from a USACE-approved in-lieu fee program to compensate for project impacts. SCE completed purchase of required credits through the SAWA In-Lieu Fee (ILF) Program on June 7, 2013.

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The proposed mitigation strategy for the CHUG includes compensatory mitigation for temporary impacts where in-kind restoration is not feasible on site (i.e., out-of-kind restoration), and off-site compensatory mitigation for permanent impacts to waters of the United States and wetlands. SCE proposes offsite mitigation for impacts to waters of the U.S. associated with the CHUG through the Riverside–Corona Resource Conservation District (RCRCD) ILF Program. SCE proposes to mitigate for permanent impacts to waters of the U.S. through the purchase of 0.6475 acre-credits from the RCRCD ILF Program.

Compensatory mitigation for impacts to biological resources and waters of the U.S. are outlined in the Habitat Mitigation and Monitoring Plan (HMMP) for Segments 7 & 8, which was submitted to the State Water Board on December 20, 2010 and on November 23, 2011. SCE submitted the Chino Hills Underground Addendum to the Habitat Mitigation and Monitoring Plan Segments 7 and 8 on February 14, 2014 for State Water Board review and approval. The HMMP requires approval from USFWS, CDFW, the Corps, and the State Water Board. Proposed compensatory mitigation for each type of water feature that is proposed to be permanently or temporarily impacted are presented in Attachment C. The following information provides a summary of the HMMP, including mitigation for impacts to waters of the U.S.

Mitigation ratios will vary depending on the habitat type and whether it is located on Corps-owned land (see Attachment C for more information). The Corps-owned lands within the Project area are Whittier Narrows and the Santa Fe Dam. Temporary impacts to waters will be compensated for through restoration of native habitats on-site and at the mitigation site at a 1:1 ratio (all mitigation ratios are expressed as the ratio of mitigation to impact). A total of 1.34 acres of compensatory mitigation for impacts not related to the Chino Hills Underground are required, of which 0.96 will be fulfilled through onsite restoration and 0.38 acres have been fulfilled through the purchase of ILF credits through SAWA. SCE proposes a total of 1.852 acres of mitigation for impacts associated with the Chino Hills Underground, of which 1.2045 will be fulfilled through onsite restoration and 0.6475 will be fulfilled through the purchase of ILF credits through the RCRCD ILF program.

Mitigation will compensate for impacts on both federal and non-federal lands. Federal lands are those located within Corps jurisdiction and mitigation will be designed to meet Corps requirements, if different from the conditions in this Certification. Mitigation is not required for maintenance grading on existing access roads. Mitigation on federal lands may have different requirements for Corps compared to non-federal lands.

Public Notice:

In satisfaction of the public notice requirements of Section 3858, Title 23, of the California Code of Regulations, which governs the State's Certification Program, a Public Notice of Application for Certification for the subject Project was posted on the State Water Board website on April 20, 2010. A Public Notice of Application for the first Amendment of the

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Certification for the subject Project was posted on the State Water Board website on April 29, 2011. A Public Notice of Application for reissuance of the Certification was posted on March 14, 2012. A Public Notice of Application for the second amendment for the Chino Hills Underground (CHUG) was posted on December 17, 2013.

Fees:

On February 17, 2010, a check from the SCE in the amount of \$27,692.80 was received by the State Water Board for payment of required fees associated with the original permit application. The additional fee associated with the first amendment was \$2,854. The additional fee associated with the reissued Certification was \$11,498. SCE had a \$2,701 credit with the State Water Board because SCE submitted more fees than were required for the Notice of Applicability for the State Water Board Water Quality Order No. 2004-0004-DWQ for TRTP: Segment 9 – Whirlwind. Therefore, SCE used their credit of \$2,701 with the State Water Board to pay for a portion of the \$11,498 fee for the reissued Certification. The State Water Board received a check from SCE on March 9, 2012 for the remaining fee balance of \$8,797 ($=\$11,498 - \$2,701$) for the reissued Certification.

The State Water Board received a check from SCE on October 14, 2013 for \$944.00 for the base fee for the second amendment. However, the State Water Board base fee had increased to \$1,097.00, as well as other fee rates, on October 14, 2013. The additional fee associated with the second amendment was \$22,655.00. As a result, SCE submitted the remaining fee of \$21,711, which was received by State Water Board staff on December 5, 2013. On February 14, 2014, SCE sent a revised application for changes in impacts related to the CHUG. The final total fee for the revised impacts was presented in the fee calculator as \$23,147. The difference between \$22,655.00 and \$23,147 is \$492, which was received by the Water Board on April 18, 2014.