

# APPENDIX A APPLICANT PROPOSED MEASURE AND MITIGATION MEASURE VERIFICATION TABLES

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**APPENDIX A**  
**APPLICANT PROPOSED MEASURE AND MITIGATION MEASURE VERIFICATION TABLE**

**Table A-1 Permit and Agency Authorization Tracking Table**

Permit/Authorization	Purpose	Associated Requirements	Timing and Submittal Requirements <sup>1</sup>	Required Agency Review <sup>2</sup>		Status
				Submitted	Approved	
<b>Federal and State Agencies</b>						
<b>SDG&amp;E Subregional Natural Community Conservation Plan<sup>3</sup> (NCCP)</b>	The SDG&E Subregional NCCP includes a Federal Endangered Species Act (ESA) Section 10(A) permit and a California ESA Section 2081 Memorandum of Understanding for incidental take with an Implementation Agreement with the United States Fish and Wildlife Service (USFWS) and California Department of Fish and Wildlife (CDFW), respectively, for the management and conservation of multiple species and their associated habitats.  <i>Federal Endangered Species Act, Section 10(A); California Endangered Species Act, Section 2081; California NCCP Act; and California Native Plant Protection Act</i>	APM BIO-2 MM Biology-1a	*If SDG&E obtains additional take permits or NCCP authorizations, SDG&E shall provide CPUC with copies of permits or other authorizations for incidental take of species, including amendments to the NCCP and supporting documentation (i.e., correspondence with USFWS and CDFW).	*USFWS: N/A *CDFW: N/A *CPUC: N/A	*USFWS: N/A *CDFW: N/A *CPUC: N/A	<b>Complete</b> 12/15/1995 Document No additional take permits are anticipated at this time.
<b>Compensatory mitigation for impacts to vegetation communities</b>	SDG&E Subregional NCCP, Sections 7.2 and 7.4	MM Biology-1b *Habitat Enhancement Plan for Vegetation Communities (refer to Table C-2)	(A) SDG&E shall submit evidence of available habitat mitigation lands to CPUC no less than 30 days prior to construction <del>(B) SDG&amp;E shall submit a Habitat Enhancement Plan for Vegetation Communities to USFWS, CDFW, and CPUC no less than 30 days prior to construction.</del> <del>*If SDG&amp;E elects to submit a plan, refer to Table C-2.</del>	USFWS: N/A CDFW: N/A CPUC: 1/28/16	USFWS: N/A CDFW: N/A CPUC: 5/16/16	<b>Complete</b> SDG&E elected option A, and submitted evidence of available habitat mitigation lands for impacts associated with the substation property. For impacts to special-status plants, SDG&E prepared a Salvage and Relocation Plan for Special-Status Plants, as described in Table C-2.
<b>State Agencies</b>						
<b>CPUC Permit to Construct (PTC)</b>	CPUC authorization to construct the project <i>CPUC General Order 131-D</i>	All project APMs, MMs, and plans	SDG&E was required to obtain approval for a PTC from CPUC prior to constructing the project, as approved by CPUC.	CPUC: 9/25/13	CPUC: 5/12/16	<b>Complete</b> The Commission approved the project (Alternative 2) on May 12, 2016.
<b>National Pollutant Discharge Elimination System (NPDES) Construction General Permit (CGP)</b>	Disturbance of more than 1 acre of land during construction <i>Order No. 2009-0009-DWQ, as amended by 2010-0014-DWQ and 2012-0006-DWQ</i>	APM HYDRO-1 APM HYDRO-2 Stormwater Pollution and Prevention Plan (SWPPP) (refer to Table C-2)	SDG&E shall submit Permit Registration Documents (PRDs) and the SWPPP to the State Water Resources Control Board (SWRCB) and CPUC for review and approval no less than 30 days prior to construction.	SWRCB: 3/25/16 CPUC: 2/12/16, 4/22/16, and 6/09/16	SWRCB: 3/25/16 CPUC: 6/16/16	<b>Complete</b> CPUC approved the SWPPP on 6/16/16 WDID number (No. 9 37C375119) has been obtained from RWQCB.
<b>General NPDES Permit for Discharges from Utility Vaults &amp; Underground Structures to Surface Waters</b>	Discharge of water from utility vaults during operation and maintenance <i>NPDES No. CAG990002; Order No. 2006-0008-DWQ</i>	None	SDG&E shall submit dewatering permits to CPUC prior to discharging water from excavations or utility vaults.	SWRCB: N/A CPUC: N/A	SWRCB: N/A CPUC: N/A	<b>N/A</b> No Non-Storm Water Discharges occurred.
<b>Local Agencies</b>						

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Permit/Authorization	Purpose	Associated Requirements	Timing and Submittal Requirements <sup>1</sup>	Required Agency Review <sup>2</sup>		Status
				Submitted	Approved	
<b>Structural Permit</b>	Construction of walls for the access road and Salt Creek Substation	None	SDG&E shall acquire a structural permit from the City prior to constructing walls for the access road and substation.	<b>City of Chula Vista:</b> N/A <b>CPUC:</b> N/A	<b>City of Chula Vista:</b> N/A <b>CPUC:</b> N/A	Not Applicable. No separate structural permit required. See grading permit.
<b>Grading/Driveway Permits</b>	Proposed grading at the Salt Creek Substation and sidewalk alterations; TL 6965 undergrounding	None	SDG&E shall submit grading permits to CPUC prior to grading at the Salt Creek Substation or driveway.	<b>City of Chula Vista:</b> 3/15/16 <b>CPUC:</b> 3/15/16	<b>City of Chula Vista:</b> CPUC: 05/15/16	<b>Complete</b>
<b>Recycled Water Application</b>	Use of recycled water in San Diego County	None	SDG&E shall submit an authorized recycled water application to CPUC prior to using recycled water for the project.	<b>City of Chula Vista:</b> 2/3/16 <b>CPUC:</b> N/A	<b>City of Chula Vista:</b> CPUC: N/A	<b>Pending</b> Temporary permit was received on 7/06/16.  Will be complete when Contractor pulls the final permit in Fall of 2017.

Notes:

<sup>1</sup> Requirements that SDG&E can satisfy with alternate approaches are marked as either (A) or (B).

<sup>2</sup> All project permits and authorizations provided by other agencies must be submitted to CPUC. CPUC reserves the right to review and comment on the accuracy and adequacy of project permits and authorizations, if necessary.

<sup>3</sup> The SDG&E NCCP and HCP for QCB are described as plans; however, these plans act as incidental take permits and are therefore included with permits in Table C-1.

\* Requirements marked with an asterisk are only applicable under specified conditions.

+ Not all APMs and MMs identify submittal periods; however, where identified CPUC requires SDG&E to submit materials prior to applicable activities to provide sufficient time to review the materials.

**APPENDIX A  
APPLICANT PROPOSED MEASURE AND MITIGATION MEASURE VERIFICATION TABLE**

**Table A-2 Plan Tracking Table**

Plan	Requirement Sources	Timing and Submittal Requirements <sup>1</sup>	Required Agency Review <sup>1,2</sup>		Status
			Submitted	Approved	
<b>Required Prior to any Construction Activities</b>					
<b>Dust Control Management Plan</b>	MM Air-1	SDG&E shall submit the Plan to CPUC for review and comment no less than 30 days prior to construction.	<b>CPUC:</b> 3/8/16 and 4/22/16	<b>CPUC:</b> 5/16/16	<b>Complete</b> Plan approved on 5/23/16.
<b>Landscape and Irrigation Plan and Temporary Impact Restoration Plan</b>	MM Aesthetics-1 MM Biology-11	SDG&E shall submit the Plan to CPUC for review and comment no less than 120 days prior to acquisition of landscape materials (planting required within 3 months of substation completion).	<b>CPUC:</b> Conceptual Plan 5/11/16, Draft Plan 01/26/17 and 2/23/17	<b>CPUC:</b> 03/02/17	<b>Complete</b>
<b>Cultural Resources Mitigation Monitoring Plan (CRMMP)</b>	APM CUL-1 APM CUL-7 MM Cultural Resources-2 <sup>1</sup> MM Cultural Resources-3 MM Cultural Resources-4	SDG&E shall submit the Plan to CPUC for review and comment no less than 30 days prior to construction*.	<b>CPUC:</b> 2/12/16, 3/09/16 and 4/22/16	<b>CPUC:</b> 5/16/16	<b>Complete</b> Plan approved on 5/23/16.
<b>Hazardous Substance Management and Emergency Response (HSMER) Plan</b>	APM HAZ-1 APM HAZ-2	SDG&E shall submit the Plan to CPUC for review and comment no less than 30 days prior to construction*. *If the project exceeds the threshold quantities of hazardous materials and/or waste, SDG&E will prepare and implement Hazardous Materials Business Plans required by Chapter 6.95 of the State of California Health and Safety Code. SDG&E shall submit any Hazardous Materials Business Plans required by APM HAZ-2 as part of the HSMER Plan if applicable.	<b>CPUC:</b> 3/8/16, 4/22/16, and 6/03/16	<b>CPUC:</b> 6/06/16	<b>Complete</b> Plan approved on 6/06/16.
<b>Stormwater Pollution Prevention Plan (SWPPP)</b>	APM HYDRO-1	SDG&E shall submit the Plan to CPUC for review and comment no less than 30 days prior to construction*.	<b>CPUC:</b> 2/12/16, 4/22/16, and 6/03/16	<b>CPUC:</b> 6/16/16	<b>Complete</b> Plan approved on 6/16/16.
<b>Stormwater Management Plan</b>	APM HYDRO-2	SDG&E shall submit a Stormwater Management Plan that complies with the City of Chula Vista's Standard Urban Stormwater Mitigation Plan to CPUC for review and comment no less than 30 days prior to construction*.	<b>CPUC:</b> 4/22/16 and 6/03/16	<b>CPUC:</b> 6/16/16	<b>Complete</b> Plan approved on 6/16/16.
<b>Transportation Management Plan (TMP) (including Traffic Control Plans associated with encroachment permits)</b>	MM Traffic-3	SDG&E shall submit the Plan to CPUC for review and comment no less than 30 days prior to construction.	<b>CPUC:</b> 3/8/16 and 4/22/16	<b>CPUC:</b> 5/16/16	<b>Complete</b> Will provide copies of encroachment permits when obtained.

<sup>1</sup> MM Cultural Resources-2 requires preparation of a Historic Properties Treatment Plan (HPTP) that would address inadvertent discoveries of cultural resources that could occur at the proposed Salt Creek Substation. A separate HPTP would not be required if SDG&E addresses procedures for inadvertent discoveries of cultural resources in the CRMMP as described in MM Cultural Resources-2.

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APPLICANT PROPOSED MEASURE AND MITIGATION MEASURE VERIFICATION TABLE**

Plan	Requirement Sources	Timing and Submittal Requirements <sup>1</sup>	Required Agency Review <sup>1,2</sup>		Status
			Submitted	Approved	
<b>Required Prior to Specific Construction Activities or Following Specific Findings</b>					
<b>Facilities Color Treatment Plan and Surface Treatment Plan<sup>2</sup></b>	MM Aesthetics-2 MM Aesthetics-3	SDG&E shall submit the Plan to CPUC for review and comment no less than 90 days prior to (a) ordering the first structures and exterior building components to be color treated, or (b) construction of the Salt Creek Substation, whichever comes first.	<b>CPUC:</b> 2/12/16 and 6/03/16	<b>CPUC:</b> 6/16/16	<b>Complete</b> Plan approved on 6/16/16.
<b>Habitat Enhancement Plan for Vegetation Communities</b>	MM Biology-1b	(A) SDG&E shall submit evidence of available habitat mitigation lands to CPUC no less than 30 days prior to construction <del>(B) SDG&amp;E shall submit a Habitat Enhancement Plan for Vegetation Communities to USFWS, CDFW, and CPUC no less than 30 days prior to construction.</del> <del>*If SDG&amp;E elects to submit evidence of available habitat mitigation lands, refer to Table C-1.</del>	<b>USFWS:</b> N/A <b>CDFW:</b> N/A <b>CPUC:</b> 1/29/16	<b>USFWS:</b> N/A <b>CDFW:</b> N/A <b>CPUC:</b> N/A	<b>N/A</b> SDG&E elected for option A. Evidence of acquired mitigation lands provided to CPUC on 1/29/16.
<b>Salvage and Relocation Plan for Special-Status Plants</b>	MM Biology-2 APM BIO-2	*If impacts to special-status plants cannot be avoided: (A) SDG&E shall complete land preservation for special-status plants and submit documentation to CPUC no more than 18 months after the start of construction; or alternatively, (B) SDG&E shall submit a Salvage and Relocation Plan for Special-Status Plants to USFWS, CDFW, and CPUC for comment and approval no less than 30 days prior to construction. *If SDG&E elects to complete land preservation, refer to Table C-1.	<b>*USFWS:</b> - <b>*CDFW:</b> - <b>*CPUC:</b> 2/12/16, 6/30/16 and 9/29/16	<b>*USFWS:</b> Approved <b>*CDFW:</b> Approved <b>*CPUC:</b> 10/10/16	<b>Complete</b> Seed collection was conducted at appropriate time of year to facilitate plan implementation. SDG&E and CPUC are coordinating on final requirements/success criteria.
<b>Spill Prevention, Control, and Countermeasure (SPCC) Plan</b>	APM HAZ-1	SDG&E shall submit the Plan to CPUC for review and comment no less than 30 days prior to installation of transformers at the Salt Creek Substation.	<b>CPUC:</b> 02/22/17 SDG&E General SPCC Plan Submitted 02/23/17	<b>CPUC:</b> N/A	<b>Complete</b>
<b>Project Plans Completed Prior to Implementation of the MMCRP (Included with the EIR)</b>					
<b>Burrowing Owl Monitoring and Mitigation Plan</b>	APM BIO-1	*If burrowing owl burrows are identified within 100 feet of the project site, SDG&E shall coordinate with CDFW regarding implementation of the Plan prior to construction. SDG&E shall submit documentation of coordination with CDFW to CPUC prior to conducting work within avoidance buffers.	<b>Plan Preparation</b> <b>CDFW:</b> Approved <b>CPUC:</b> 10/9/14 – Plan submitted with Data Request #17 <b>Plan Implementation</b> <b>CDFW:</b> N/A <b>CPUC:</b> N/A	<b>Plan Preparation</b> <b>CDFW:</b> Approved <b>CPUC:</b> 5/15/15 – Published with the Draft EIR <b>Plan Implementation</b> <b>CDFW:</b> N/A <b>CPUC:</b> N/A	<b>Complete</b> The final CDFW-approved Plan is dated September 2014 and was published with the Draft EIR. Surveys performed starting in January 2016. Biologists were successful in discouraging owls from nesting in burrows.
<b>SDG&amp;E Project Fire Plan</b>	APM HAZ-3	The SDG&E Project Fire Plan was submitted with the PEA and included with the Final EIR for the project.	<b>CPUC:</b> 9/25/13 – Submitted with the PEA	<b>CPUC:</b> 5/15/15 – Published with the Draft EIR	<b>Complete</b> Plan dated August 2013

<sup>2</sup> SDG&E elected to combine the Facilities Color Treatment Plan and Surface Treatment Plan into one document to reduce the number of construction plans required for the project.

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Plan	Requirement Sources	Timing and Submittal Requirements <sup>1</sup>	Required Agency Review <sup>1,2</sup>		Status
			Submitted	Approved	

Notes:

<sup>1</sup> Requirements that SDG&E can satisfy with alternate approaches are marked as either (A) or (B).

<sup>2</sup> All project Plans required by other agencies must be submitted to CPUC. CPUC reserves the right to review and comment on the accuracy and adequacy of all project Plans, if necessary.

\* Requirements marked with an asterisk are only applicable under specified conditions.

+ Not all APMs and MMs identify submittal periods; however, where identified CPUC requires SDG&E to submit materials prior to applicable activities to provide sufficient time to review the materials.

**APPENDIX A**  
**APPLICANT PROPOSED MEASURE AND MITIGATION MEASURE VERIFICATION TABLE**

**Table A-3 Notification Tracking Table**

Notification	Entities to Notify	Requirement Sources	Timing and Submittal Requirements	Required Agency Review <sup>1</sup>		Status
				Submitted	Approved	
<b>Required Prior to any Construction Activities</b>						
Final project design and anticipated schedule	CPUC	MM Biology-1a APM GEO-1 APM GEO-2 APM HAZ-3 MM Utilities-1	SDG&E shall submit final project design drawings to CPUC for the project that comply with MM Biology-1a, APM GEO-1, APM GEO-2, and APM HAZ-3 no less than 60 days prior to construction*.  *If the project would conflict with existing underground utilities after being identified by other utility companies, SDG&E shall realign the project vertically and/or horizontally as appropriate to avoid the existing utilities and provide adequate operational and safety buffering as described in MM Utilities-1. SDG&E shall inform CPUC if such conflicts are identified and of any changes to the project alignment prior to construction.  *If changes in the project schedule are identified, SDG&E shall notify CPUC as soon as possible.	CPUC: 6/03/16	CPUC: N/A	<b>Complete</b>
Seed mixes, plants, and weed-free erosion control materials	CPUC	MM Biology-3	SDG&E shall submit a preliminary list of seed mixes, plants, and weed-free erosion control materials anticipated to be used for project landscaping, erosion control, and the revegetation of temporary impact areas to CPUC for review and approval no less than 30 days prior to construction.  *If the preliminary list changes, SDG&E shall provide CPUC a final list of the materials no less than 30 days prior to the application or installation for review and approval.	CPUC: 5/11/16	CPUC: N/A	<b>Complete</b> Approved with the exception of the use of non-native <i>Cotoneaster dammeri</i> (Bearberry cotoneaster).
Native American consultation	Local Native American contacts	MM Cultural Resources-4	SDG&E shall consult with Native American contacts (identified in Appendix G of the Draft EIR) to identify culturally sensitive locations and determine where Native American monitoring is required prior to performing any ground-disturbing activities. SDG&E shall submit consultation documentation and a resource summary letter to CPUC no less than 30 days prior to construction.	CPUC: 6/03/16	CPUC: N/A	<b>Complete</b> Draft letter was submitted to the CPUC on 6/3/2016. Final letters to Native American contacts were sent on 6/8/2016. SDG&E has been in contact with Clint Linton and his firm, Red Tail, has been retained for NA monitoring. As he was the only Native American contact that responded during the preparation of the EIR, we are not anticipating further consultation or resource information will be provided or required.
Organic waste disposal method	CPUC	MM GHG-1	SDG&E shall notify CPUC of organic waste disposal methods that are compliant with MM GHG-1 no less than 30 days prior to construction.	CPUC: 6/03/16	CPUC: N/A	<b>Complete</b> Details provided to CPUC on 6/3/2016. Organic waste will be disposed of at San Pasqual Valley soils, 16111 Old Milky Way, Escondido, CA.



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Notification	Entities to Notify	Requirement Sources	Timing and Submittal Requirements	Required Agency Review <sup>1</sup>		Status
				Submitted	Approved	
Public awareness of construction	Sensitive receptors and residences within 300 feet of work areas and access roads	MM Noise-1 APM REC-1	SDG&E shall provide notice by mail of project construction activities (see MM Noise-1 for specific details) to all sensitive receptors and residences within 300 feet of construction sites, helicopter fly yards, and access roads no less than 7 days prior to construction.  SDG&E shall also post project activity notices (i.e., signs) at the access road to the proposed substation and in SDG&E's ROW surrounding the substation (see MM Noise-1 for specific details), and where the ROW is located within 300 feet of designated trails and roads prior to substation construction (see APM REC-1 for trail closure signs).  SDG&E shall submit a copy of the notification letter, a list of notified individuals, and a map showing the notification area and locations where signs will be posted to CPUC prior to sending the notifications, and no less than 30 days prior to construction*.	CPUC: 6/03/16	CPUC: Verified	<b>Complete</b>  A copy of the draft public notification letter, a list of the notified individuals, and a copy of the sign to be posted along the fence on Hunte Parkway was received and approved. Per the TMP, sign spacing is 350', and signs are posted at each end of the project site.  Additional signs are posted within 200' of trail closures areas, and tow-away signs are posted for the temporary removal of street parking.  Notification was approved and has been distributed within the required timeframes.
Existing utility avoidance	Other utility companies	APM UTIL-1 MM Utilities-1	SDG&E shall notify other utility companies near underground work areas to locate and mark existing underground utilities no less than 30 days prior to construction. No subsurface work shall be conducted that would conflict with a buried utility.	CPUC: N/A	CPUC: N/A	<b>Complete</b>  SDG&E has coordinated with the City of Chula Vista and Otay Water District to locate and identify underground utilities. The existing water and sewer lines have been reviewed per the grading permit. SDG&E is required by law (California Law, Government Code 4216) and will notify DigAlert per the required time frame of at least two (2) and no more than fourteen (14) days prior to excavation commencement for utility markings.
Fire prevention and response	California Department of Forestry and Fire Protection (CAL FIRE) and local fire departments	MM Hazards-1	SDG&E's Fire Marshal/Coordinator shall contact and coordinate with CAL FIRE and applicable local fire departments (i.e., City of Chula Vista and San Diego County) to determine the appropriate amounts of fire equipment to be carried on the vehicles and appropriate locations for the water tanks if water trucks are not used. SDG&E shall submit verification of its consultation with CAL FIRE and the local fire departments to CPUC no less than 7 days prior to construction*.	CPUC: 6/28/16	CPUC: N/A	<b>Complete</b>  Verification received on 6/28/16 regarding Chula Vista and CALFIRE consultation.
Stormwater detention basin design	City of Chula Vista and CPUC	MM Hydro-3	SDG&E shall submit the stormwater detention basin design to the City of Chula Vista and CPUC for review and approval no less than 60 days prior to construction.	City of Chula Vista: 3/15/16  CPUC: 4/22/16	City of Chula Vista: 5/12/16  CPUC: 6/16/16	<b>Complete</b>  The design of the stormwater detention basin was approved by the City as part of the SWQMP and Grading Plan submittals.  Changes were made to the SWPPP. No changes are proposed to SWQMP.
<b>Required Prior to Specific Construction Activities or Following Specific Findings</b>						
Volatile organic compound (VOC) emissions	CPUC	APM AIR-3	SDG&E shall provide confirmation to CPUC that they will conform with CARB's Suggested Control Measure for Architectural Coatings, and with SDAPCD's VOC Rules 61, 66.1, 67.0, and 67.17 for the use of coatings, sealants, adhesives, solvents, asphalt, and architectural coatings prior to the use of such materials prior to construction.	CPUC: TBD	CPUC: TBD	<b>Ongoing</b>  VOC compliance will be on-going throughout construction. SDG&E will require contractor/vendor submit the MSDS sheet to SDG&E for all products being brought on site, one week prior to being brought on-site. MSDS sheets, and intended use of the product will be reviewed by SDG&E air quality specialists for compliance with SCAQMD Rules. If VOCs exceed allowable levels, SDG&E will require contractor to identify an alternative product for use that meets the SCAQMD Rules.



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Notification	Entities to Notify	Requirement Sources	Timing and Submittal Requirements	Required Agency Review <sup>1</sup>		Status
				Submitted	Approved	
Nesting bird buffer reduction	CPUC	MM Biology-6	*If a CPUC-approved biologist determines that a reduced nesting bird avoidance buffer is necessary and biologically acceptable per MM Biology-6, SDG&E shall submit buffer reduction requests to a CPUC independent biologist for review and approval as described in MM Biology-6.	*CPUC: 7/15/16	*CPUC: 7/20/16	<b>Complete</b> A nesting bird buffer reduction was requested on 7/15/16, approved on 7/20/16 and removed on 8/2/16 after the young successfully fledged.
Trail closures	Trail users	APM REC-1	Where temporary trail detours are feasible and appropriate, SDG&E shall post signs directing trail users to detour routes. *If trail closures are necessary, SDG&E shall post signs notifying trail users of the closures no less than 7 days prior to construction. The signs shall be posted in either direction within 200 feet of the closure location. SDG&E shall provide CPUC with an example of the notification signage prior to installation.	CPUC: N/A	CPUC: N/A	<b>Complete</b> SDG&E posted signs as needed for temporary trail closures throughout construction.
Noise disturbance	County of San Diego, City of Chula Vista, and CPUC	APM NOISE-3 MM Noise-2	*If construction activities must occur outside of the permitted construction hours allowed by local noise ordinances, SDG&E shall meet and confer with the City of Chula Vista and the County of San Diego as described in APM NOISE-3, and submit a request for extended work hours to CPUC for review and approval as described in MM Noise-2.	*CPUC: Various Dates	*CPUC: Approvals Verified	<b>Complete</b> SDG&E submitted requests to conduct construction activities outside of permitted hours as needed.
Utility service interruptions	SDG&E customers, other utility companies, and CPUC	MM Utilities-2	*If outages are necessary and unavoidable, SDG&E shall notify its customers (residential and commercial) no less than 10 days prior to the service interruption. SDG&E shall provide copies of the notices to CPUC at the time of noticing. *If any unforeseen utility disruptions occur, SDG&E shall immediately notify the CPUC and the affected utility company/companies to determine appropriate actions.	*CPUC: TBD	*CPUC: TBD	<b>Not Anticipated</b> No outages currently anticipated. SDG&E will notify customers at least 10 days prior to service interruption, if needed.
Discovery of human remains	San Diego County Medical Examiner and CPUC	APM CUL-7	*If human remains are encountered during construction, SDG&E shall notify the Medical Examiner to comply with California law (Health and Safety Code section 7050.5; PRC sections 5097.94, 5097.98, and 5097.99). SDG&E shall also notify CPUC at the same time.	*CPUC: N/A	*CPUC: N/A	<b>N/A</b>
Discovery of previously undiscovered cultural or paleontological resources	CPUC and Native American tribes, if applicable	APM CUL-1 APM CUL-2 APM CUL-5 APM CUL-6 MM Cultural Resources-1 MM Cultural Resources-2 Cultural Resources Mitigation Monitoring Plan (CRMMP)	*If previously undiscovered cultural or paleontological resources are discovered, SDG&E shall notify CPUC and implement measures as identified in the CRMMP and HPTP.	*CPUC: 3/12/17	*CPUC: 3/13/17	<b>Complete</b> SDG&E notified the CPUC and implemented measures as required.

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Notification	Entities to Notify	Requirement Sources	Timing and Submittal Requirements	Required Agency Review <sup>1</sup>		Status
				Submitted	Approved	

Notes:

<sup>1</sup> Notifications and documentation required by other agencies must also be submitted to CPUC. CPUC reserves the right to review and comment on the accuracy and adequacy of notification materials, if necessary.

\* Requirements marked with an asterisk are only applicable under specified conditions.

+ Not all APMs and MMs identify submittal periods; however, where identified CPUC requires SDG&E to submit materials prior to applicable activities to provide sufficient time to review the materials.

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**Table A-4 Surveying Tracking Table**

Resource	Surveyor/Monitor Type <sup>1</sup> , Requirement Sources, Applicable Locations	Pre-Construction	Construction	Post-Construction	Status/Results
<b>Special-Status Wildlife</b>	<p><u>Surveyor/Monitor Types</u></p> <ul style="list-style-type: none"> <li>CPUC-approved wildlife biologist</li> <li>Trained and designated construction workers (daily excavation clearance only)</li> </ul> <p><u>Requirement Sources</u></p> <ul style="list-style-type: none"> <li>APM BIO-2</li> <li>MM Biology-1a</li> <li>SDG&amp;E Subregional NCCP</li> </ul> <p><u>Applicable Locations</u></p> <ul style="list-style-type: none"> <li>All project work areas</li> </ul>	<p>SDG&amp;E shall have a CPUC-approved biologist survey natural work areas for special-status wildlife no more than 30 days prior to construction.</p> <p>SDG&amp;E shall submit a Pre-activity Survey Report to CPUC that documents the results of the survey no less than 7 days prior to construction*.</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>Pre-activity Survey Report</li> <li>NCCP Annual Report</li> </ul>	<p>The Qualified Biologist shall conduct monitoring as recommended in the pre-activity survey report.</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>Pre-activity Survey Report</li> <li>NCCP Annual Report</li> </ul>	<p>Conduct pre-activity survey prior to repair of erosion by grading or addition of fill</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>Pre-activity Survey Report</li> <li>NCCP Post-Construction Report</li> </ul>	<p><b><u>I. Prior to Construction</u></b></p> <p>PSR has been prepared. A verification study was completed on 6/24/16 and submitted on 6/28/16.</p> <p><b><u>II. Construction</u></b></p> <p>N/A</p> <p><b><u>III. Post-construction</u></b></p> <p>SDG&amp;E will document the project changes in their annual report to the agencies.</p>
<b>Western Burrowing Owl (WBO)</b>	<p><u>Surveyor/Monitor Types</u></p> <ul style="list-style-type: none"> <li>CPUC-approved burrowing owl biologist</li> </ul> <p><u>Requirement Sources</u></p> <ul style="list-style-type: none"> <li>APM BIO-1</li> <li>Burrowing Owl Monitoring and Mitigation Plan</li> </ul> <p><u>Applicable Locations</u></p> <ul style="list-style-type: none"> <li>Suitable WBO habitat located within project work areas and a 100-foot surrounding buffer</li> </ul>	<p>SDG&amp;E shall have a CPUC-approved burrowing owl biologist complete a take avoidance survey, as described in the Burrowing Owl Monitoring and Mitigation Plan, to determine the presence or absence of WBO, prior to initiating construction activities.</p> <p>If construction will begin during the breeding season (February 1 through August 31), then the survey shall be conducted prior to the start of the breeding season (i.e., prior to February 1) in order to allow for adequate time to exclude WBO prior to the breeding season should they be present.</p> <p>If construction will begin during the non-breeding season (September 1 through January 31), then the survey shall be conducted within 100 feet of suitable habitat of project areas no less than 14 days and no more than 30 days prior to construction.</p> <p>If more than 30 days pass between the take avoidance survey and initiation of project activities, additional take avoidance surveys may be required.</p> <p>SDG&amp;E shall implement avoidance and minimization measures, and conduct a final take avoidance survey within 24 hours prior to initiation of construction activities, and submit a letter report to CDFW and CPUC. If occupied burrows are encountered additional reporting is required.</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>WBO Take Avoidance Survey Report (letter)</li> <li>WBO AMM and Passive Relocation Implementation Report (letter)</li> <li>WBO Occupied Burrow Monitoring Reports (letter) every 3 days of monitoring</li> </ul>	<p>Weekly monitoring to ensure the area is absent of suitable burrows and WBO do not move into the area.</p> <p>Monitoring to ensure avoidance including full-time monitoring of WBO behavior for at least 3 days when activities occur adjacent to a buffer area.</p>	<p>Conduct a pre-activity survey prior to using pesticides in an area where burrowing owl could occur.</p>	<p><b><u>I. Prior to Construction</u></b></p> <p>Pre-Construction surveys were initiated in January 2016. Monitoring was ongoing during pre-construction.</p> <p><b><u>II. Construction</u></b></p> <p>Weekly monitoring was conducted during the nesting season.</p> <p><b><u>III. Post-construction</u></b></p> <p>N/A</p>

**APPENDIX A  
APPLICANT PROPOSED MEASURE AND MITIGATION MEASURE VERIFICATION TABLE**

Resource	Surveyor/Monitor Type <sup>1</sup> , Requirement Sources, Applicable Locations	Pre-Construction	Construction	Post-Construction	Status/Results
<b>Nesting Birds</b>	<p><u>Surveyor/Monitor Types</u></p> <ul style="list-style-type: none"> <li>CPUC-approved wildlife biologist</li> </ul> <p><u>Requirement Sources</u></p> <ul style="list-style-type: none"> <li>MM Biology-6</li> </ul> <p><u>Applicable Locations</u></p> <ul style="list-style-type: none"> <li>All project work areas</li> </ul>	<p>SDG&amp;E shall have a CPUC-approved biologist survey project work areas, and within variable buffer distances specified in MM Biology-6 (150 feet - 1 mile), for nesting birds no more than 48 hours prior to the start of ground or vegetation disturbing activities during the nesting bird season (generally occurs between February 15 and August 31, but may be earlier or later depending on species, location, and weather conditions).</p> <p>Pre-construction survey results for nesting birds shall be submitted to CPUC prior to the start of ground disturbance or vegetation removal activities.</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>NCCP Pre-activity Survey Report</li> </ul>	<p>In order to adequately detect nests and implement MM Biology-6, it is assumed that regular (approximately weekly) monitoring and surveying for nesting birds would occur in and adjacent to work areas during construction to detect nests that may be established during non-working periods (i.e. slow periods and weekends) in conjunction with other nesting bird and wildlife monitoring on site. In addition, surveys during construction are highly recommended to ensure nests are not allowed to form on active construction materials or on equipment, as once eggs have been laid the nest cannot be dismantled per the MBTA.*</p> <p>*If there no work occurs in an area for 7 days, a CPUC-approved biologist shall survey within 500 feet of project work areas for raptors and within 250 feet for passerines. Surveys conducted after construction begins shall be reported in SDG&amp;E Weekly Compliance Summary Reports.</p> <p><u>Reporting Methods</u></p> <p>SDG&amp;E Weekly Compliance Summary Reports</p>	N/A	<p><b><u>I. Prior to Construction</u></b> A Nesting bird survey was conducted and submitted on 7/15/16.</p> <p><b><u>II. Construction</u></b> Monitoring occurred during the nesting season.</p> <p><b><u>III. Post-construction</u></b> N/A</p>
<b>Western Yellow Bat</b>	<p><u>Surveyor/Monitor Types</u></p> <ul style="list-style-type: none"> <li>CPUC-approved wildlife biologist</li> </ul> <p><u>Requirement Sources</u></p> <ul style="list-style-type: none"> <li>MM Biology-7</li> </ul> <p><u>Applicable Locations</u></p> <ul style="list-style-type: none"> <li>Trees within 50 feet of active work areas</li> <li>Structures with suitable habitat within 100 feet of active work areas</li> </ul>	<p>A CPUC-approved biologist shall assess suitable bat habitat within and surrounding project work areas (e.g., trees within 50 feet and structures within 100 feet) prior to construction activities near suitable habitat.</p> <p>Trees within 50 feet of project work areas that are 10 inches or greater in diameter at breast height that may be removed or trimmed shall be surveyed for the presence of western yellow bats.</p> <p>SDG&amp;E shall submit the results of the habitat assessment and any surveys to CPUC.</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>Western Yellow Bat Habitat Assessment</li> </ul>	<p>If suitable bat habitat is identified in qualifying trees (10 inches or greater in diameter at breast height) that will be removed or trimmed, a CPUC-approved biologist shall perform follow-up emergence surveys and acoustic monitoring at the tree locations for 1/2 hour prior to sunset and 1 hour after sunset. The surveys shall occur on at least one occasion no more than 7 days prior to trimming or tree removal.</p> <p><u>Reporting Methods</u></p> <p>*SDG&amp;E Weekly Compliance Summary Reports</p>	N/A	<p><b><u>I. Prior to Construction</u></b> Not anticipated to be required for refined project. Suitable habitat not present.</p> <p><b><u>II. Construction</u></b> Suitable habitat not present.</p> <p><b><u>III. Post-construction</u></b> N/A</p>
<b>San Diego Desert Woodrat</b>	<p><u>Surveyor/Monitor Types</u></p> <ul style="list-style-type: none"> <li>CPUC-approved wildlife biologist</li> </ul> <p><u>Requirement Sources</u></p> <ul style="list-style-type: none"> <li>MM Biology-8</li> </ul> <p><u>Applicable Locations</u></p> <ul style="list-style-type: none"> <li>Within 5 feet of all project work areas</li> </ul>	<p>A CPUC-approved biologist shall survey within 5 feet of all project work areas for San Diego desert woodrat (on the ground and in trees) houses no more than 30 days prior to construction*.</p> <p>The results of the surveys, as well as the mapped locations of any houses found, shall be submitted to CPUC no less than 7 days prior to construction.</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>NCCP Pre-activity Survey Report</li> </ul>	N/A	N/A	<p><b><u>I. Prior to Construction</u></b> Not anticipated to be required for refined project. San Diego desert woodrat houses have not been observed during BUOW survey efforts.</p> <p><b><u>II. Construction</u></b> No woodrat houses observed.</p> <p><b><u>III. Post-construction</u></b> N/A</p>

**APPENDIX A  
APPLICANT PROPOSED MEASURE AND MITIGATION MEASURE VERIFICATION TABLE**

Resource	Surveyor/Monitor Type <sup>1</sup> , Requirement Sources, Applicable Locations	Pre-Construction	Construction	Post-Construction	Status/Results
<b>Rare and Special-Status Plants</b>	<p><u>Surveyor/Monitor Types</u></p> <ul style="list-style-type: none"> <li>CPUC-approved botanist (surveys and all monitoring)</li> <li>CPUC-approved wildlife biologist (construction monitoring only)</li> </ul> <p><u>Requirement Sources</u></p> <ul style="list-style-type: none"> <li>APM BIO-2</li> <li>MM Biology-1a</li> <li>SDG&amp;E Subregional NCCP</li> <li>Special-Status Plan Relocation and Monitoring Plan</li> </ul> <p><u>Applicable Locations</u></p> <ul style="list-style-type: none"> <li>All unpaved project work areas</li> <li>Salvage and relocation planting locations – TBD</li> </ul>	<p>SDG&amp;E shall have a CPUC-approved botanist survey natural work areas for rare and special-status plants prior to construction.</p> <p>SDG&amp;E shall submit a Pre-activity Survey Report to CPUC that documents the results of the survey. The Pre-activity Survey Report shall include a library of rare plant locations known to SDG&amp;E occurring within the project area.</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>NCCP Pre-activity Survey Report</li> <li>Rare Plant Library</li> <li>NCCP Annual Reports</li> </ul>	<p>The plant library shall continue to be updated and maintained throughout construction as described in MM Biology-1a (#14).</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>SDG&amp;E Weekly Compliance Summary Reports</li> <li>Rare Plant Library</li> </ul>	<p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>NCCP Post-Construction Report</li> </ul>	<p><b><u>I. Prior to Construction</u></b> PSR was completed on 11/7/14.</p> <p><b><u>II. Construction</u></b> N/A</p> <p><b><u>III. Post-construction</u></b> N/A</p>
<b>Invasive Weeds</b>	<p><u>Surveyor/Monitor Types</u></p> <ul style="list-style-type: none"> <li>CPUC-approved botanist (annual surveying, monitoring, and reporting)</li> </ul> <p><u>Requirement Sources</u></p> <ul style="list-style-type: none"> <li>MM Biology-3</li> </ul> <p><u>Applicable Locations</u></p> <ul style="list-style-type: none"> <li>All unpaved project work areas</li> </ul>	<p>SDG&amp;E shall have a CPUC-approved botanist survey all unpaved project work areas for weed populations as described in MM Biology-3. Invasive weed populations shall be mapped and mechanically removed prior to construction.</p> <p>Pre-construction invasive weed surveying, mapped locations, and removal activities shall be reported to CPUC in the form of a Pre-construction Invasive Weed Report.</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>Pre-construction Invasive Weed Report</li> </ul>	N/A	<p>Monitor post-construction invasive weed cover relative to the pre-construction invasive weed levels.</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>Annual Report for Landscaping and Revegetation</li> </ul>	<p><b><u>I. Prior to Construction</u></b> Weed survey was conducted. See report dated 10/20/15. Weeds were mechanically removed prior to construction.</p> <p><b><u>II. Construction</u></b> N/A</p> <p><b><u>III. Post-construction</u></b> SDG&amp;E will conduct annual monitoring until success criteria are met.</p>
<b>Cultural Resources</b>	<p><u>Surveyor/Monitor Types</u></p> <ul style="list-style-type: none"> <li>CPUC-approved cultural resource specialist/archaeologist</li> </ul> <p><u>Requirement Sources</u></p> <ul style="list-style-type: none"> <li>APM CUL-2</li> <li>MM Cultural Resources-1</li> <li>MM Cultural Resources-2</li> <li>MM Cultural Resources-3</li> <li>Cultural Resources Mitigation and Monitoring Plan (CRMMP)</li> </ul>	N/A	<p>Archaeological monitoring under the direction of the Qualified Archaeologist during ground-disturbing activities. Native American monitors shall be invited to participate in monitoring activities.</p> <p><u>Reporting Methods</u></p> <ul style="list-style-type: none"> <li>SDG&amp;E Weekly Compliance Summary Reports</li> </ul>	N/A	<p><b><u>I. Prior to Construction</u></b> N/A</p> <p><b><u>II. Construction</u></b> Compliance monitoring included Native American monitors where appropriate.</p> <p><b><u>III. Post-construction</u></b> N/A</p>

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**APPLICANT PROPOSED MEASURE AND MITIGATION MEASURE VERIFICATION TABLE**

Resource	Surveyor/Monitor Type <sup>1</sup> , Requirement Sources, Applicable Locations	Pre-Construction	Construction	Post-Construction	Status/Results
<b>Paleontological Resources</b>	<u>Surveyor/Monitor Types</u> <ul style="list-style-type: none"> <li>• CPUC-approved paleontological monitor</li> </ul> <u>Requirement Sources</u> <ul style="list-style-type: none"> <li>• APM CUL-4</li> <li>• APM CUL-5</li> <li>• APM CUL-6</li> <li>• MM Paleontology-1</li> </ul> <u>Applicable Locations</u> <ul style="list-style-type: none"> <li>• All work areas</li> </ul>	N/A	Paleontological monitoring during excavation at the substation under the direction of a Qualified Paleontologist. Screen washing where required by the paleontologist. <u>Reporting Methods</u> <ul style="list-style-type: none"> <li>• Paleontological Summary Report</li> </ul>	N/A	<u>I. Prior to Construction</u> N/A <u>II. Construction</u> Paleontological monitoring was conducted throughout construction where appropriate <u>III. Post-construction</u> N/A