

SAN DIEGO GAS & ELECTRIC COMPANY
DOCUMENTATION FOR COMPLIANCE
WITH THE
CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY (CPCN)
PLAN AND PROCEDURES FOR
ALPINE CONSTRUCTION YARD (YARD 18)
SEGMENT 15, SECTION 6, LINK 4 OF
THE SUNRISE POWERLINK PROJECT

FEBRUARY 2010

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Introduction

San Diego Gas & Electric Company (SDG&E) will be constructing a new electric transmission line between the existing Imperial Valley and Sycamore Canyon Substations. The 230-kV/500-kV transmission line will traverse approximately 120 miles between the El Centro area of Imperial County and southwestern San Diego County, in southern California. The Project right-of-way (ROW) is consistent with the Final Environmentally Superior Southern Route (FESSR or Route), and related facilities, as identified in the FEIR/EIS issued October 2008 by the California Public Utilities Commission (CPUC) as the lead State agency under the California Environmental Quality Act (CEQA), and the U.S. Department of the Interior Bureau of Land Management (BLM) as the lead Federal agency under the National Environmental Policy Act (NEPA). The Route has been assigned mileposts (MP), which range from the Imperial Valley Substation (MP 0) to the Sycamore Canyon Substation (MP 118). The Route has been separated into 5 different Links, based on the area and type of transmission work.


The Project will need for temporary construction support sites along the Route. SDG&E has identified five different types of support site areas: 1) main construction yards, 2) staging yards, 3) fly yards, 4) laydown yards and 5) contractor yards. SDG&E has located a main construction yard in the Alpine area on two separate parcel areas leased from the same property owner. Alpine Construction Yard 18 is situated at the northwest corner of the intersection of Tavern Road and Victoria Park Terrace. For reference purposes, this yard has been identified as Yard 18. Alpine Construction Yard 18A is located north of Interstate 8, and south and west of Tavern Road.

The Alpine Construction Yard consist of material laydown areas described as Alpine Construction Yard 18 and an administrative field construction office complex described as the Alpine Regional Field Offices, Yard 18A. A separate NTP request was submitted for the Yard 18A.

This NTP request is for the Alpine Construction Yard 18, which will be used for material storage and staging to support the project area and will be limited to already disturbed areas of the proposed construction yard. This construction yard is temporary in nature and will be returned to its present condition at the completion of the project. SDG&E has arranged and secured a lease term of 3 years for this site. A site plan identifying the various uses for the Alpine Construction Yard is shown in Appendix B. The Alpine Construction Yard is located on the northern portion of this site as shown in Photograph 1.


The mitigation measures section of this document addresses the pre-construction mitigation measures that have been identified as applicable only for Alpine Construction Yard 18. This section identifies the actions and/or documents that have been completed to meet these mitigation measures, or provides an explanation why a mitigation measure is not applicable to Alpine Construction Yard 18. SDG&E proposes to use only those areas of the property which have already been disturbed and are not currently encumbered by natural or cultural resources. At the Alpine Construction Yard 18, neither biological habitat nor cultural resources will be impacted. Based on these facts, there will be no requirement for offsite biological or cultural land mitigation.


SDG&E requests an NTP from the CPUC for use of this property as the Alpine Construction Yard 18 situated near milepost 96 of Link 4, Section 6, Segment 15, of the Project.


NTP Title	Alpine Construction Yard
Construction Yard No.	Construction Yard 18 (Alpine Storage and Staging Area)
Segment/Section/Link	15/6/4
Mapbook Page	MS-115
Site Location & Description	 <p><i>Photograph 1 – Aerial representation of the Construction Yard 18 in Alpine.</i></p> <p>Alpine Construction Yard is located in Link 4, Section 6, Segment 15, located north of mile post 96 along the ROW (See Appendix B). Yard 18 is bounded by Tavern Road to the south, Victoria Park Terrace to the east, residential properties off of Larkspur Drive to the north, additional parcels owned by the same proprietor to the west, and Interstate Route 8 to the south. The two parcels (Assessor's Parcel Number or APN 402-271-08 and APN 403-380-56, respectively) are zoned A70 – Limited Agricultural Use to the west and M52 – Limited Industrial to the east.</p> <p>Project boundaries will be limited to the previously disturbed areas and will not impact established environmental resources. The Yard proposed for material laydown is largely undeveloped and is composed of several flat useable pads, separated by sloped hillside areas. The pads are accessed by an existing interior access road. Approximately 85% of the property has been graded by the owner for use as an equipment and materials storage area and for sorting/storing gravel, sand, boulders, and other landscape and building material. The Alpine Construction Yard is predominantly cleared of vegetation and consists of bare ground with some scattered re-growth of native vegetation. Construction activities will be limited to the previously disturbed areas. No sensitive environmental resources will be impacted through use of this yard. Areas outside of the previously disturbed land will be delineated and avoided.</p>

NTP Title	Alpine Construction Yard
	<p>The area identified for storage and staging of material consists of two parcels. The northernmost parcel (Parcel A) is bordered by a residential development to the north. Portions of the parcel are currently used for storing boulders and rocks. Due to the steep topography, the extreme northwestern corner of the parcel is not usable and has not been cleared of vegetation by the owner. Access to the western half of the parcel is via Taberna Vista Way off of Tavern Road to the south and to the eastern half of the parcel via an existing private access road off of Tavern Road. This parcel is zoned A70 – Limited Agricultural Use.</p> <p>The northeastern-most parcel (Parcel B) is bordered by Parcel A (described above) to the north and Victoria Park Terrace (paved road) to the east. Access to the parcel is via an existing private access road off of Tavern Road to the south. The southernmost “leg” of the parcel is currently used for storing gravel. A portion of the parcel is paved and the rest has been cleared of vegetation to bare ground. This parcel is zoned M52 – Limited Industrial Use.</p> <p>Vegetation and other sensitive environmental resources beyond current cleared areas will be flagged/delineated and protected from impact through the duration of the occupancy of the yard.</p>
Description of Project Activities	
Storage and Staging Area	<p>The site will serve primarily as a storage yard for construction materials and equipment. Construction materials and equipment will be delivered to the yard on approximately 20 to 65 foot long flat bed trucks via local highways and access roads. The materials and equipment will be organized at the site and then transported to structure locations. Construction crews may perform some pre-assembly of structures at this location. Parking of vehicles and equipment during working hours for limited on-site staff will be required.</p> <p>Each storage yard (both the Underground and Overhead storage yard) will be managed by 6 employees: material manager, logistics support personnel, and security personnel.</p>

NTP Title	Alpine Construction Yard
	<div data-bbox="451 241 1377 928" data-label="Image"> </div> <div data-bbox="451 953 1377 1008" data-label="Caption"> <p><i>Photograph 2– View looking South on the northern portion of Construction Yard 19, proposed area for material laydown of 230kV Overhead Transmission Materials.</i></p> </div> <div data-bbox="451 1033 1377 1728" data-label="Image"> </div> <div data-bbox="451 1753 1377 1808" data-label="Caption"> <p><i>Photograph 3 – View looking South on the northeastern portion of Construction Yard 18, proposed area for material laydown of 230kV Underground Transmission Materials.</i></p> </div>

NTP Title	Alpine Construction Yard
Proposed Improvements	<p>Proposed improvements to the yard will include:</p> <ul style="list-style-type: none"> • Installation of temporary mobile offices (approximately 3-4 single wide state approved coaches) • Installation of temporary portable security lighting and surveillance system (see Appendix X) • Installation of temporary portable guard booth • Installation of temporary portable radio site system (see Appendix XX) • Extension of primary and secondary overhead temporary power to temporary facilities described above • Portable sanitary facilities
Radio Site System Configuration	<p>Radio Site System Description (Please see figure 1):</p> <ul style="list-style-type: none"> • One enclosed container housing the equipment (IR, HVAC) • Retractable Lattice Tower mounted on the container – Max 40ft high • Radio Antennae • Total System Weight: ~ 6,600lbs • Secondary Power requirement: 1688 Watts  <p><i>Figure 1 – Visual representation of Radio Site System</i></p>
Security System	<p>Secure existing access gates with locks, install temp portable guard booth station, install temp mobile lighting and security surveillance system. Security system will be monitored by on-site security guard and logistics management personnel</p>

NTP Title	Alpine Construction Yard
	 <p data-bbox="451 1026 1166 1052"><i>Photograph 4 – Visual representation of Security Lighting and Surveillance Tower</i></p>
Construction Lighting	<p>Temporary portable security lighting will be utilized throughout the yards as required. Please reference attached site plan. The lighting layout and quantities shown are conceptual only. Exact lighting location and quantity may vary. It is anticipated that there will be approximately 2-3 temporary lighting/security poles per 5 acre area.. All lighting fixtures will be downward pointing, preventing interference with surrounding areas and night sky. Site security lighting will comply with County Light Pollution Code, Ordinance #9716.</p>
Material Receiving	<p>Shipping containers (approximately 8 per day) containing steel towers will arrive at site and be offloaded by truck mounted crane or by fork lift and placed in inventory per tower number. Insulators and other miscellaneous hardware items will arrive by tractor trailer and be offloaded and stored by fork lift. Conductors will arrive by tractor with float trailer and be offloaded and stored by truck mounted crane. Underground cable reels and accessories will arrive at approximately 30 reels and 30 accessories per month. The equipment and materials will be transported to the site via low boy haulers and flat bed trucks. The cable reels and accessories will be offloaded and stored by crane and forklifts. The personnel will be transported to the site via pick-up trucks.</p> <p>Third party logistics personnel will issue stored material in a staged manner as required by the contractor.</p>
Equipment Refueling	<p>Fueling of equipment needed in material loading/unloading operations will be done by trained personnel only and monitored during the entire process. Appropriate BMPs will be placed to prevent spills on-site. Photograph 5 depicts an example set-up of BMPs.</p>

NTP Title	Alpine Construction Yard																		
	 <p data-bbox="573 779 857 863">Fiber Roll</p> <p data-bbox="451 915 1308 940"><i>Photograph 5 –Example set-up of appropriate BMPs to prevent fuel spills on the pervious surface.</i></p>																		
Demobilization	<p>The Alpine Yard will be restored as close as feasible to its condition prior to occupancy. This will include removal of all temporary facilities, materials and equipment, clean-up of the site, such as removing any stains from vehicles or equipment leakage, collection and proper disposal of any wastes, trash and debris regardless of how the debris was generated. Site clean-up and maintenance will also occur through the duration of occupancy. Clean-up of stains and disposal of trash and debris will occur during utilization of the yard.</p>																		
Activity Schedule	<p>March 29, 2010 – April 10, 2010– Mobilization and construction Yard set-up April 10, 2010-December 2010 – Material receiving and storage June 2010 – December 2012– Material dispersal for construction December 2012 - Demobilization</p>																		
Engineering & Construction Details																			
Equipment Storage	<p>Attachment B depicts the proposed locations for storage of other materials at Alpine Yard. The following is a list of equipment and materials that will be located and/or used at this yard:</p> <p>General Equipment:</p> <table border="1" data-bbox="397 1554 1372 1894"> <tbody> <tr> <td>• Flatbed trucks</td><td>• Diggers</td></tr> <tr> <td>• Personal vehicles</td><td>• Loaders</td></tr> <tr> <td>• Line Trucks</td><td>• Backhoes</td></tr> <tr> <td>• Pick Up Trucks</td><td>• Dozer</td></tr> <tr> <td>• Truck Mounted Cranes</td><td>• Stakebeds</td></tr> <tr> <td>• Light-duty trucks</td><td>• Tractors</td></tr> <tr> <td>• Heavy duty trucks</td><td>• Wire puller</td></tr> <tr> <td>• Small or large cranes</td><td>• Splicing buggy</td></tr> <tr> <td>• Water spray truck</td><td>• Wire tensioner</td></tr> </tbody> </table>	• Flatbed trucks	• Diggers	• Personal vehicles	• Loaders	• Line Trucks	• Backhoes	• Pick Up Trucks	• Dozer	• Truck Mounted Cranes	• Stakebeds	• Light-duty trucks	• Tractors	• Heavy duty trucks	• Wire puller	• Small or large cranes	• Splicing buggy	• Water spray truck	• Wire tensioner
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• Water spray truck	• Wire tensioner																		

NTP Title	Alpine Construction Yard	
	<ul style="list-style-type: none"> Equipment trailer Forklifts 	<ul style="list-style-type: none"> 500-gallon Water Tank
	Transmission Line Materials:	
	230 kV Overhead	230 kV Underground
	<ul style="list-style-type: none"> (92) Steel Towers 8' X 200' 	<ul style="list-style-type: none"> (120) ABB XLPE Cable Reels 8' X 13'6"
	<ul style="list-style-type: none"> (120) Conductor Reels 8' X 6' 	<ul style="list-style-type: none"> (120) Prysmian XLPE Cable Reels 8' X 13'6"
	<ul style="list-style-type: none"> (98) Bolt Pallets 5'X 4' Double Stacked 	<ul style="list-style-type: none"> (243) Prysmian XLPE Splices 5'1" X 3'6"
	<ul style="list-style-type: none"> Unloading Area 50' X 100' 	<ul style="list-style-type: none"> (14) Prysmian Terminations 5'1" X 3'6"
	<ul style="list-style-type: none"> (100) Crate of Insulators 	<ul style="list-style-type: none"> (14) ABB Terminations 5'1" X 3'6"
	<ul style="list-style-type: none"> (17) Steel Poles 	<ul style="list-style-type: none"> (40) 3313 Handholes 2' X 3' X 2' Stacked 3-4 high
Mitigation Measures		
<p>This section addresses mitigation measures found in the Mitigation Monitoring, Compliance and Reporting Program (MMCRP) that have been identified as applicable to work activities unique to the Alpine Construction Yard 18. Each of those measures are identified and accompanied by a discussion as to how compliance with the mitigation measure will be achieved or an explanation why a mitigation measure is not applicable. A mitigation measure checklist summarizing the applicable and non-applicable mitigation measures for this portion of the project is provided in Appendix A.</p>		
Biological Resources	<p>A habitat survey of the proposed Alpine Construction Yard was conducted on October 15, 2009 to assess sensitive and non-sensitive biological resources within and immediately surrounding Parcels A and B. In general, the parcels are part cleared of vegetation and consist of bare ground with some scattered re-growth of native vegetation (broom baccharis and California buckwheat). Areas originally cleared of vegetation but not used by the owner (e.g., up-slopes and down-slopes surrounding the parcel and the southwest corner of the parcel) now support Diegan Coastal Sage Scrub, disturbed Diegan Coastal Sage Scrub, and a few ornamental tree species.</p> <p>These areas are potential Quino checkerspot butterfly habitat, per the Quino Checkerspot Butterfly (<i>Euphydras editha quino</i>) Survey Protocol Information (2002). The areas of re-growth will not be disturbed or impacted during set-up and utilization of the Alpine Construction Yard 18. The dominant native species within this disturbed vegetation community surrounding the parcel now consists primarily of broom baccharis (<i>Baccharis sarothroides</i>) and California buckwheat (<i>Eriogonum fasciculatum</i>), with occasional chamise (<i>Adenostoma fasciculatum</i>), California broom (<i>Lotus scoparius</i>), laurel sumac (<i>Malosma laurina</i>), and Our Lord's candle (<i>Hesperoyucca whipplei</i>). Granite outcrops are scattered throughout the slope, particularly on the west-facing slope along the eastern edge of the parcel. There is also a pocket of intact native vegetation along the southern border of Parcel A, to the west of the road leading into the parcel. This pocket of intact vegetation consists of mission manzanita (<i>Xylococcus bicolor</i>), chamise, sugar bush (<i>Rhus ovata</i>), laurel sumac, and Our Lord's candle. All these areas are considered Quino checkerspot butterfly (<i>Euphydras editha quino</i>) habitat, per the U.S. Fish and</p>	

NTP Title	Alpine Construction Yard
	<p>Wildlife Service Quino Checkerspot Butterfly (<i>Euphydras editha quino</i>) Survey Protocol Information (USFWS 2002). In addition, a few arroyo willow (<i>Salix lasiolepis</i>), a tamarisk (<i>Tamarix</i> sp.), and a few pampas grass (<i>Cortaderia selloana</i>) were observed in the northeast corner of Parcel B, at the base of a slope. Willow and tamarisk indicate that there is water present, which in this location may be from residential run-off to the north and northeast. Additionally, some mule fat (<i>Baccharis salicifolia</i>), which is indicative of varying degrees of moisture, and pampas grass, were observed in one area along the western edge of the parcel, at the top of the access road leading to Parcel A and Parcel B. The area where these plants were observed is not jurisdictional waters or wetland.</p> <p>These pockets of vegetation are outside the area to be utilized for this yard and will not be disturbed as a result of set-up and occupancy.</p> <p>Vegetation beyond current cleared areas will be flagged/delineated and protected from impact through the duration of the occupancy of the yard. SDG&E will avoid impacts to disturbed Diegan Coastal Sage Scrub in the southwest corner of the parcel, the pocket of intact native vegetation dominated by mission manzanita along the southern border of Parcel A, to the west of the road leading into the parcel, and to the patch of willow and tamarisk in the northeast corner of Parcel B.</p> <p>B-1a</p> <ul style="list-style-type: none"> • <i>Provide restoration/compensation for impacted sensitive vegetation communities.</i> • Construction activities will take place on previously disturbed areas free of vegetation. The property boundaries will be delineated with orange construction fencing. • The project impacts will occur only within the previously disturbed, fenced limits on the proposed property. No sensitive vegetation communities will be directly impacted by project construction. Impacts to disturbed and developed areas will not require mitigation. The impacted areas on the site will be restored to their pre-construction condition following project completion. • Construction will occur within the fenced limits of the proposed property. Multiple gates are also in place to control site ingress and egress. • No tree trimming or removal will occur. <p>B-1c</p> <ul style="list-style-type: none"> • <i>Conduct biological monitoring.</i> • Biological monitoring will be provided as required during mobilization and periodically throughout the use of the yard. Weekly monitoring reports will be prepared and submitted. <p>B-2a</p> <ul style="list-style-type: none"> • <i>Provide restoration/compensation for impacted jurisdictional areas.</i> • Restoration/compensation for impacted jurisdictional areas does not apply for the Alpine Construction Yard 18. Activities will take place on previously disturbed areas that do not fall under the jurisdiction of Army Corps of Engineers, Regional Water Quality Control Board, State Water Resources Control Board, and the CDFG. <p>B-3a</p> <ul style="list-style-type: none"> • <i>Prepare and implement a Weed Control Plan.</i> • SDG&E is requesting that this NTP be conditioned for this mitigation measure. • A Weed Control Plan is being finalized and will be implemented during the set-up and

NTP Title	Alpine Construction Yard
	<p>utilization of the Alpine Construction Yard to prevent the establishment and spread of non-native and invasive plant species on the site or into adjacent undisturbed habitats during the project activity period.</p> <p>B-5a</p> <ul style="list-style-type: none"> • <i>Conduct rare plant surveys and implement appropriate avoidance/minimization/compensation strategies.</i> • SDG&E will limit activities to areas previously disturbed; therefore, this mitigation measure does not apply. • SDG&E will conduct rare plant surveys during spring surveys in the buffer areas immediately surrounding the Alpine Construction Yard. Appropriate measures will be utilized to include avoidance of any rare plants identified. <p>B-7a</p> <ul style="list-style-type: none"> • <i>Cover all steep-walled trenches or excavations used during construction to prevent the entrapment of wildlife (e.g. reptiles and small mammals)</i> • No trenching/excavation will be done for utilization of this yard; therefore, this mitigation measure does not apply. <p>B-7e</p> <ul style="list-style-type: none"> • <i>Conduct least Bell's vireo and southwestern willow flycatcher surveys, and implement appropriate avoidance/minimization/compensation strategies.</i> • No habitat exists for least Bell's vireo and southwestern willow flycatcher; therefore, this mitigation measure does not apply. <p>B-7i</p> <ul style="list-style-type: none"> • <i>Conduct Quino checkerspot butterfly surveys, and implement appropriate avoidance/minimization/compensation strategies.</i> • Construction activities will take place on previously disturbed areas free of vegetation and avoid Quino checkerspot butterfly habitat. Therefore, Quino checkerspot butterfly surveys will not be necessary and this mitigation measure does not apply. <p>B-7j</p> <ul style="list-style-type: none"> • <i>Conduct arroyo toad surveys, and implement appropriate avoidance/minimization/compensation strategies.</i> • No habitat exists for arroyo toad; therefore, this mitigation measure does not apply. <p>B-7l</p> <ul style="list-style-type: none"> • <i>Conduct coastal California gnatcatcher surveys, and implement appropriate avoidance/minimization/compensation strategies.</i> • A permitted coastal California gnatcatcher biologist will conduct pre-construction surveys for nesting birds within 100 feet of the construction zone within 10 calendar days prior to the initiation of construction that would occur between January 15 and August 15. The biologist will play a tape recording of gnatcatcher calls (if needed) to help determine presence/absence of the species. The surveys will not be protocol-level surveys. Results of the pre-construction survey will be submitted to the Wildlife Agencies. • At this time, SDG&E requests this NTP be conditioned upon submission of the pre-construction surveys for Alpine Construction Yard 18 to the Wildlife Agencies.

NTP Title	Alpine Construction Yard
	<p>B-8a</p> <ul style="list-style-type: none"> • Conduct pre-construction surveys and monitoring for breeding birds. • A qualified biologist will conduct pre-construction surveys and monitoring for breeding birds within habitat areas along the perimeter of the two parcels. If active nests are located, a suitable buffer shall be established. If coastal California gnatcatchers are located within the adjacent habitat areas, a focused protocol survey will be conducted. • If project constructions (not vegetation clearing or tree trimming/removal) cannot occur completely outside the general avian breeding season, then pre-construction surveys will be conducted in the following manner prior to occupancy/use: <ol style="list-style-type: none"> 1. 100-foot pre-construction surveys will be conducted for non-listed species. 2. 500-foot pre-construction surveys for listed species, including raptors. <p>B-9a</p> <ul style="list-style-type: none"> • Survey for bat nursery colonies. • No roosting areas, such as large rocks or trees, exist as habitat for bat nursery colonies; therefore, this mitigation measure does not apply. <p>B-10a</p> <ul style="list-style-type: none"> • Utilize collision-reducing techniques in installation of transmission lines. • This location is designated as a construction yard and transmission lines will not be installed as part of this work; therefore, this mitigation measure does not apply. <p>BIO-APM-2</p> <ul style="list-style-type: none"> • Compliance Training • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes appropriate work practices to effectively implement the biological mitigation measures and applicant proposed mitigation measures (APMs). <p>BIO-APM-4</p> <ul style="list-style-type: none"> • Project Area Boundaries • Limits of activities have been pre-determined to remain within the previously disturbed area. No brush clearing or disturbance of sensitive vegetation shall occur. <p>BIO-APM-6</p> <ul style="list-style-type: none"> • Wildlife Compliance • SDG&E will comply with all the necessary environmental laws and regulations, including, without limitation, those regulating and protecting wildlife and its habitat. A Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel to ensure compliance with all applicable laws and regulations, addressing the protection of wildlife and its habitat. <p>BIO-APM-7</p> <ul style="list-style-type: none"> • Littering • A draft SWEAP video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel and enforced throughout all phases of the Project, and includes instructions prohibiting littering of any kind. <p>BIO-APM-8</p>

NTP Title	Alpine Construction Yard
	<ul style="list-style-type: none"> • <i>Vegetation Boundaries</i> • Prior to activities, the boundaries of any sensitive plant populations will be delineated and flagged. This area will be avoided. <p>BIO-APM-10</p> <ul style="list-style-type: none"> • <i>Wildlife and firearms</i> • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions that no wildlife, including rattlesnakes, may be harmed except to protect life and limb. The SWEAP also addresses that firearms are prohibited in all project areas, except for security personnel <p>BIO-APM-11</p> <ul style="list-style-type: none"> • <i>Wildlife Interaction</i> • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions that feeding wildlife is prohibited. <p>BIO-APM-12</p> <ul style="list-style-type: none"> • <i>Pets</i> • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions that project personnel are not allowed to bring pets to any project area to minimize harassment or killing of wildlife and to prevent the of introduction of animal diseases to wildlife populations. <p>BIO-APM-13</p> <ul style="list-style-type: none"> • <i>Wildlife Collection</i> • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions that prohibit collecting plant or wildlife species as pets or for any other reason. <p>BIO-APM-16</p> <ul style="list-style-type: none"> • <i>Tree Trimming</i> • No tree trimming or removal will occur; therefore, this mitigation measure does not apply. <p>BIO-APM-18</p> <ul style="list-style-type: none"> • <i>Sensitive Features</i> • There are no designated sensitive features (i.e. streambed crossings, high value wildlife and plant habitats) located in this construction yard. Therefore, this mitigation measure does not apply. <p>BIO-APM-19</p> <ul style="list-style-type: none"> • <i>Endangered Species Act Compliance</i> • Set-up, utilization, and demobilization of this yard will not impact occupied sensitive plant and animal habitat. Therefore, BLM measures will not need to be complied with and as a result, this mitigation measure does not apply. <p>BIO-APM-21</p>

NTP Title	<p>Alpine Construction Yard</p> <ul style="list-style-type: none"> • <i>Raptor Protection</i> • This location is proposed as a construction yard. Transmission tower construction is not proposed within this scope of work. Therefore, this mitigation measure does not apply. <p>BIO-APM-23</p> <ul style="list-style-type: none"> • <i>Vegetation Clearing</i> • No vegetation will be removed as part of utilizing this yard; therefore, this mitigation measure does not apply. <p>BIO-APM-24</p> <ul style="list-style-type: none"> • <i>Trench Covering</i> • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions to cover construction holes to prevent wildlife or livestock from falling through. <p>BIO-APM-27</p> <ul style="list-style-type: none"> • <i>Raptor Nests</i> • If raptor nests are found within Alpine Construction Yard 18 in structures that would be affected by work activities, they will be removed under the supervision of a qualified biologist only if they are inactive (i.e., do not contain eggs or young) according to the mitigation measure. Active nests will not be moved or disturbed. <p>BIO-APM-28</p> <ul style="list-style-type: none"> • <i>Roost Nests</i> • No potential bat roost trees exist on-site; therefore, none will need to be removed for the Alpine Construction Yard 18. This mitigation measure does not apply.
Visual Resources	<p>V-1a</p> <ul style="list-style-type: none"> • <i>Reduce visibility of construction activities and equipment.</i> • Set-up and utilization of this yard will be in an area with pre-existing 6 foot high perimeter fenced area. Perimeter fencing consists of chain link with vinly slatting for visual screening. <p>V-1b</p> <ul style="list-style-type: none"> • <i>Reduce construction night lighting impacts.</i> <p>All temporary lighting fixtures will be designed to reduce lighting impacts to surrounding areas. Site temporary security lighting will comply with County Light Pollution Code, Ordinance #9716.</p> <p>V-2a</p> <ul style="list-style-type: none"> • <i>Reduce in-line view of land scars.</i> • Access to this yard will be made via existing roads. No new access roads or spur roads will be constructed for utilization of the Alpine Construction Yard 18. This mitigation measure is not applicable. <p>V-2b</p>

NTP Title	<p>Alpine Construction Yard</p> <ul style="list-style-type: none"> • <i>Reduce visual contrast from unnatural vegetation lines.</i> • Utilization of this yard will not require grading, nor will visual contrast be created and need to be reduced. This mitigation measure does not apply. <p>V-2c</p> <ul style="list-style-type: none"> • <i>Reduce color contrast of land scars on non-Forest lands.</i> • Utilization of this yard will not require grading of undisturbed land nor will color contrast be created and need to be reduced. This mitigation measure does not apply. <p>V-2d</p> <ul style="list-style-type: none"> • <i>Construction by helicopter.</i> • Construction by helicopter will not be occurring at this site, nor will long-term land-scarring and vegetation impacts be created. Therefore, this measure does not apply. <p>V-7a</p> <ul style="list-style-type: none"> • <i>Reduce visual contrast associated with ancillary facilities.</i> • Mobile offices and a portable guard booth at this location are temporary and are not considered ancillary facilities. Therefore, this mitigation measure does not apply. <p>V-7b</p> <ul style="list-style-type: none"> • <i>Screen ancillary facilities.</i> • Mobile offices and a portable guard booth at this location are temporary and are not to be considered ancillary facilities. Therefore, this mitigation measure does not apply. <p>V-21a</p> <ul style="list-style-type: none"> • <i>Reduce night lighting impacts.</i> • This mitigation measure applies to permanent lighting on ancillary facilities. This mitigation measure is not applicable for the Alpine Construction Yard 18 since temporary lighting is planned while using the yard. <p>VR-APM-4</p> <ul style="list-style-type: none"> • <i>Discoloration of Rocks and Vegetation</i> • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions prohibiting application of paint or permanent discoloring agents on rocks or vegetation to indicate survey or construction limits. <p>VR-APM-5</p> <ul style="list-style-type: none"> • <i>Installation of towers in viewshed of residences</i> • No tower construction will occur at this location and therefore this mitigation measure does not apply.
Land Use	<p>L-1a</p> <ul style="list-style-type: none"> • <i>Prepare Construction Notification Plan.</i> • A Construction Notification Plan was submitted to the CPUC on August 26, 2009 and comments were received September 15, 2009. The Construction Notification Plan is in

NTP Title	Alpine Construction Yard
	<p>the process of revision.</p> <p>L-2b</p> <ul style="list-style-type: none"> • Revise project elements to minimize land use conflicts. • The Alpine Construction Yard 18 is a temporary use of leased property, in agreement with the property owner. Proposing a yard in this location will not present a land use conflict or physically divide a community and therefore, this mitigation measure does not apply. <p>LU-APM-1</p> <ul style="list-style-type: none"> • Construction Notification • A Construction Notification Plan was submitted to the CPUC on August 26, 2009 and comments were received on September 15, 2009. The Construction Notification Plan is in the process of revision. • SDG&E has identified a public affairs person who will be available to address public concerns or questions. <p>LU-APM-2</p> <ul style="list-style-type: none"> • Place new transmission structures more than 330 feet from existing residence. • No tower construction will occur at this location and therefore this mitigation measure does not apply. <p>LU-APM-4</p> <ul style="list-style-type: none"> • Property access • Use of this construction yard will not block access to any properties. Therefore this mitigation measure does not apply. <p>LU-APM-5</p> <ul style="list-style-type: none"> • Remedy encroachment and safety conflicts with irrigation canals and flood management structures. • No irrigation canals or flood management structures exist nearby, nor will be encroached upon, with utilization of the Alpine Construction Yard 18. This mitigation measure does not apply. <p>LU-APM-6</p> <ul style="list-style-type: none"> • Limits of construction • The limits of activities at the Alpine Construction Yard 18 will be predetermined and activity will be restricted to and confined within those limits. Any environmentally sensitive areas within the yard will be flagged to alert personnel to avoid such areas. <p>LU-APM-7</p> <ul style="list-style-type: none"> • Project facilities would be installed along the edges or borders of private property. • The Alpine Construction Yard 18 is a temporary use of leased property, in agreement with the property owner. This mitigation measure is not applicable <p>LU-APM-9</p> <ul style="list-style-type: none"> • Ministerial land use permits • Because of the proposed use for this yard, ministerial permits will not be necessary at this site. This mitigation measure is not applicable.

NTP Title	Alpine Construction Yard
Wilderness & Recreation	The Alpine Construction Yard 18 does not cross through any recreational areas, nor will construction activities in this area result in impacts to nearby areas; therefore no Mitigation Measures related to Wilderness and Recreation apply to this NTP.
Agricultural	Alpine Construction Yard 18 is not currently used for agricultural purposes. The proposed activity within the Alpine Construction Yard 18 will not interfere with any agricultural operations. Therefore, no Agricultural Resources mitigation measures will apply to this NTP request.
Cultural & Paleontological Resources	<p>The project impacts will occur only within the previously disturbed and fenced limits on the construction yard property. No new impacts will occur as the result of using this yard. Cultural Resource archival and site record searches were completed and a field survey was conducted to identify the presence of archaeological resources on the project parcels. There are no previously recorded archaeological sites or historic era resources recorded within or immediately adjacent to the project area. The survey resulted in the discovery of one isolated artifact within the project area; a granite, unifacial mano. This artifact was found in the southeast corner of one of the graded materials storage areas. There was no other evidence of prehistoric human activity or presence noted in the project area. Because the area of discovery is subject to potential future disturbance, the Native American monitor, Dave Elliot Jr., requested that the mano be moved onto the vegetated slope. The artifact was moved 5m due east from the place of discovery and placed under a small bush. The isolated find is recorded as BC-I-38. An employee of the business provided information that spoil materials are brought to the property for storage before they are used or sold as fill. The employee noted that a large amount of spoil was brought to the property from a construction project in the community of Alpine and that the artifact may have come from that imported soil. There were no other indications of an archaeological site or isolated finds noted on the property. The entire property with a few small areas of exception, has been graded, contoured, and cleared of native top soil. The results of this survey will be provided in a Class III survey report that is being prepared for the project by ASM Affiliates and is currently under review in draft form (Garcia-Herbst et. al. 2010).</p> <p>C-1a</p> <ul style="list-style-type: none"> • <i>Inventory and evaluate cultural resources in Final Area of Potential Effect (APE).</i> • A cultural resource archival and site records search and a field survey of the project area were conducted by a qualified archaeologist and demonstrated that there are no eligible cultural resources within or adjacent to the project area. The unifacial mano constitutes an isolated find and does not qualify as potentially eligible or require further consideration. This mitigation measure has been met. <p>C-1b</p> <ul style="list-style-type: none"> • <i>Avoid and protect potentially significant resources.</i> • There are no cultural resources in the project area that will require avoidance or protection. <p>C-1c</p> <ul style="list-style-type: none"> • <i>Develop and implement Historic Properties Treatment Plan.</i> • See details in C-1b. This mitigation measure does not apply. <p>C-1d</p> <ul style="list-style-type: none"> • <i>Conduct data recovery to reduce adverse effects.</i> • See details in C-1b. This mitigation measure does not apply.

NTP Title	Alpine Construction Yard
	<p>C-1e</p> <ul style="list-style-type: none"> • Monitor construction at known ESAs. • See details in C-1b. This mitigation measure does not apply. <p>C-1f</p> <ul style="list-style-type: none"> • Train construction personnel. • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions on recognition and protection of cultural resources. <p>C-1g</p> <ul style="list-style-type: none"> • Avoid and protect Old Highway 80. • Utilization of this construction yard will not impact Old Highway 80 and therefore this mitigation measure does not apply. <p>C-2a</p> <ul style="list-style-type: none"> • Properly treat human remains. • See details in C-1b. This mitigation measure does not apply. <p>C-3a</p> <ul style="list-style-type: none"> • Monitor construction in areas of high sensitivity for buried resources. • See details in C-1b. This mitigation measure does not apply. <p>CR-APM-1</p> <ul style="list-style-type: none"> • Training on Cultural Resources Protection • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions on the protection and avoidance of cultural resources. <p>CR-APM-2</p> <ul style="list-style-type: none"> • Archeological sites that are eligible or potentially eligible for the National Register will be flagged. • See details in C-1b. This mitigation measure does not apply. <p>CR-APM-3</p> <ul style="list-style-type: none"> • Report Discovery of Cultural Resources • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions on what to do in case a cultural resource is discovered during activities, including set-up and utilization of the Alpine Construction Yard 18. <p>CR-APM-4</p> <ul style="list-style-type: none"> • Maintain and Repair Impacted Historical Resources • SDG&E will conduct maintenance, repair, stabilization, rehabilitation, restoration, preservation, conservation, and reconstruction of a historical resource.

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	<ul style="list-style-type: none"> • See details in C-1b. This mitigation measure does not apply. <p>CR-APM-5</p> <ul style="list-style-type: none"> • <i>Avoid, Minimize, or Mitigate impacts to Cultural Resources</i> • SDG&E will use the following guidance for preservation in-place and data recovery. • See details in C-1b. This mitigation measure does not apply. <p>CR-APM-6</p> <ul style="list-style-type: none"> • <i>Avoid Historic Properties</i> • A cultural resource archival and site records search and a field survey of the project area were conducted by a qualified archaeologist and demonstrated that there are no eligible cultural resources within or adjacent to the project area. The unifacial mano constitutes an isolated find and does not qualify as potentially eligible or require further consideration. This mitigation measure has been met. <p>CR-APM-7</p> <ul style="list-style-type: none"> • <i>Control erosion, sedimentation or indirect displacement that could indirectly deteriorate historic property.</i> • See details in C-1b. This mitigation measure does not apply. <p>CR-APM-8</p> <ul style="list-style-type: none"> • <i>Those elements of the landscape that are essential to the historic setting of the property will be avoided and protected.</i> • See details in C-1b. This mitigation measure does not apply. <p>CR-APM-9</p> <ul style="list-style-type: none"> • <i>Permanent fencing or barriers will be installed, or access to the historic setting of the property will be avoided and protected.</i> • See details in C-1b. This mitigation measure does not apply. <p>CR-APM-10</p> <ul style="list-style-type: none"> • <i>Structure Locations</i> • No tower construction will occur at this location and therefore this mitigation measure does not apply. <p>CR-APM-11</p> <ul style="list-style-type: none"> • <i>Implement SDG&E Standard Practices</i> • SDG&E will implement its standard practices for cultural and paleontological resources on private lands. • Should an unforeseen circumstance arise, cultural monitors will be readily available to provide resource guidance and SDG&E standard practices will be followed. <p>CR-APM-12</p> <ul style="list-style-type: none"> • <i>SDG&E will conduct cultural surveys for staging areas that have not yet been identified.</i> • See details in C-1b. This mitigation measure does not apply.

NTP Title	Alpine Construction Yard
	<p>PAL-1a</p> <ul style="list-style-type: none"> • <i>Inventory and evaluate paleontological resources in Final APE.</i> • A Paleontological record search was completed and there are no fossil bearing sediments or formations in the project area. <p>PAL-1b</p> <ul style="list-style-type: none"> • <i>Develop Paleontological Monitoring and Treatment Plan.</i> • See details in PAL-1a. This mitigation measure does not apply. <p>PAL-1e</p> <ul style="list-style-type: none"> • <i>Train Construction Personnel</i> • A draft Safe Worker and Environmental Awareness Program (SWEAP) video has been submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions on recognition of possible subsurface paleontological resources and protection of all paleontological resources. <p>GEO-APM-9</p> <ul style="list-style-type: none"> • <i>Protect Paleontological Resources</i> • An archival, site record and field survey of the project area conducted by a qualified archaeologist did not reveal any eligible cultural resources within or adjacent to the project area. The paleontological resources record search information indicates that the underlying granite rock has zero potential for paleontological resources. This mitigation measure does not apply.
Noise	<p>N-1a</p> <ul style="list-style-type: none"> • <i>Implement Best Management Practices for construction noise.</i> • SDG&E will comply with local noise rules, standards, and/or ordinances by implementing any applicable noise-suppression techniques and variance standards set by local authorities. • SDG&E will apply for and obtain a variance as required for construction activities that must occur within 200 feet of noise-sensitive receptors forty-five days prior to construction. • SDG&E will confine construction noise to daytime hours (e.g., 7:00 a.m. to 7:00 p.m.) or an alternative schedule established by the local jurisdiction or land use manager <p>NOI-APM-1</p> <ul style="list-style-type: none"> • <i>Construction Notification</i> • SDG&E has identified a public liaison that will be available to respond to concerns of receptors regarding noise impacts. • SDG&E has established a toll free telephone hotline for the Sunrise Powerlink Project and this number will be included with mailed notification. • SDG&E will provide notification by mail to all sensitive receptors and residences within 300 feet of the Alpine Construction Yard 18. • Verification of construction notifications made as required by this mitigation measure will be submitted to the CPUC and BLM prior to use/occupation of this yard. • At this time, SDG&E requests this NTP be conditioned upon receipt of the construction notification verification for Alpine Construction Yard 18.

NTP Title	Alpine Construction Yard
Transportation & Traffic	<p>T-1a</p> <ul style="list-style-type: none"> • Restrict lane closures. • SDG&E will restrict all necessary lane closures or obstructions to off-peak periods in congested areas to reduce traffic delays. • A study documenting traffic impacts has been completed and is included in Appendix F. A Traffic Control Plan will be developed by the Contractor and submitted to the CPUC, once available. Traffic Control Plan will address lane closure restrictions and permits for lane closures as appropriate. <p>T-4a</p> <ul style="list-style-type: none"> • Ensure pedestrian and bicycle circulation and safety. • Closure or restriction of pedestrian and bicycle circulation, including sidewalks or pedestrian facilities, will not occur as part of the use of Alpine Construction Yard 18. Therefore, this mitigation measure does not apply. <p>T-7a</p> <ul style="list-style-type: none"> • Notify public of potential short-term elimination of parking spaces. • Parking spaces will not be eliminated or relocated as part of using the Alpine Construction Yard 18. Therefore, this mitigation measure does not apply. <p>T-9a</p> <ul style="list-style-type: none"> • Prepare Construction Transportation Management Plan • A study documenting traffic impacts has been completed and is included in Appendix F. A Traffic Control Plan will be developed by the Contractor and submitted to the CPUC, once available. The Traffic Control Plan will address traffic and transportation issues related to the set-up and use of the Alpine Construction Yard 18 if necessary. • The Traffic Control Plan will comply with requirements of San Diego County. • Site ingress/egress and general access will be at the entrance to the site at Tavern Road per the attached site plan (see Appendix C). Street traffic is currently limited to access for the industrial businesses located off Tavern Road. During utilization of the Alpine Construction Yard 18 SDG&E anticipates traffic to be limited to administrative vehicle traffic and trucks containing material to be unloaded onto the storage site. <p>T-11b</p> <ul style="list-style-type: none"> • Consult with US Customs and Border Protection. • The Alpine Construction Yard 18 will not include transmission lines or tower installation. This mitigation measure does not apply. <p>T-APM-2a</p> <ul style="list-style-type: none"> • Permits for lane closures • SDG&E will obtain required permits for any temporary lane closures from the County of San Diego or other jurisdictions as necessary. • A study documenting traffic impacts has been completed and is included in Appendix F. A Traffic Control Plan will be developed by the Contractor and submitted to the CPUC, once available. The Traffic Control Plan will address lane closure restrictions and permits for lane closures as appropriate. <p>T-APM-2b</p> <ul style="list-style-type: none"> • Detour Plans and Right-of-Entry Permits • A study documenting traffic impacts has been completed and is included in Appendix F. A Traffic Control Plan will be developed by the Contractor and submitted to the

NTP Title	<p>Alpine Construction Yard</p> <p>CPUC once available. The Traffic Control Plan will be submitted to the appropriate jurisdictional agencies which will address detour plans as appropriate.</p> <p>T-APM-4a</p> <ul style="list-style-type: none"> • Coordination with Emergency Services • A study documenting traffic impacts has been completed and is included in Appendix F. A Traffic Control Plan will be developed by the contractor and submitted to the CPUC once available. The Traffic Control Plan will address coordination with emergency services as appropriate. <p>T-APM-5a</p> <ul style="list-style-type: none"> • Coordination with School Districts • This construction yard is not adjacent to a school bus stop and therefore this mitigation measure does not apply.
<p>Public Health & Safety</p>	<p>P-1a</p> <ul style="list-style-type: none"> • Implement Environmental Monitoring Program. • An Environmental Monitoring Program will be implemented during construction which will include implementation of the applicable environmental plans (as defined in HS-APM-1, HS-APM-2, HS-APM-3, HS-APM-8 and HS-APM-10. • SDG&E has designated an Environmental Field Representative for the Alpine Construction Yard 18. The Representative will be on site to observe and document adherence to the applicable environmental plans. <p>P-1b</p> <ul style="list-style-type: none"> • Maintain emergency spill supplies and equipment. • Hazardous material spill kits will be maintained onsite for response to small spills. • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes instructions on emergency spill response, including emergency spill supplies and equipment. • Detailed information for responding to accidental spills will be provided in Emergency Response information included in the site Storm Water Pollution Prevention Plan and other applicable environmental plans such as a Hazardous Materials Business Plan. <p>P-7a</p> <ul style="list-style-type: none"> • Evaluate contaminated site. • No excavation or ground disturbing activities are planned set-up and utilization of this site. • A Phase I Environmental Site Assessment (ESA) was performed on August 18, 2009 for this construction yard. <p>HS-APM-1</p> <ul style="list-style-type: none"> • Training and Communication • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes directions on the proper use and safety procedures for hazardous materials. • A Hazard Communication Plan (HazCom) is being developed for the Sunrise Powerlink Project and will contain site specific information for the Alpine Construction Yard 18.

NTP Title	Alpine Construction Yard
	<ul style="list-style-type: none"> Personnel will be provided with the proper Personal Protective Equipment (PPE). <p>HS-APM-2</p> <ul style="list-style-type: none"> Vehicle Refueling Only personnel trained in refueling vehicles will be allowed to refuel vehicles. All refueling will occur in designated areas with appropriate BMPs. <p>HS-APM-3</p> <ul style="list-style-type: none"> Safety Plans All applicable and necessary environmental and safety plans will be developed for the project. Hazardous Materials Business Plan, 90-days temporary storage and disposal plan, nor a Spill Prevention Control and Countermeasures Plan will not be necessary at Alpine Construction Yard 18 as there will be no hazardous material or waste stored at this site that may reach any of the thresholds that trigger these plans. A Hazardous Communication Plan will be developed and implemented project-wide. A Spill Response Plan will be developed and included within the Storm Water Pollution Prevention Plan. <p>HS-APM-5</p> <ul style="list-style-type: none"> Investigate Contaminated Sites A Phase I Environmental Site Assessment (ESA) was performed on August 18, 2009 for this construction yard. <p>HS-APM-7</p> <ul style="list-style-type: none"> All personnel involved in excavation shall be trained to recognize UXO. While the SWEAP video was submitted to the CPUC on November 9, 2009 and includes recognition of unexploded ordinances, the Phase I ESA of this property and all site documentation did not reveal this area as previously used by the military. The property is neither adjacent to nor near areas used by the military. Accordingly, this mitigation measure does not apply. <p>HS-APM-8</p> <ul style="list-style-type: none"> Environmental Field Representative SDG&E has assigned an Environmental Field Representative for set-up, utilization, and demobilization of this construction yard. <p>HS-APM-9</p> <ul style="list-style-type: none"> FAA and Airport Contact No airport exists within two miles of this construction yard and therefore this mitigation measure does not apply <p>HS-APM-10</p> <ul style="list-style-type: none"> Hazardous and Solid Waste Disposal All hazardous waste and solid waste will be stored and disposed of in accordance with Federal, State and local regulations. SDG&E requirements for waste disposal will meet or exceed State requirements for waste disposal facilities. Hazardous material minimization shall be employed whenever feasible.

NTP Title	Alpine Construction Yard
	<p>HS-APM-11</p> <ul style="list-style-type: none"> • Fire Prevention and Response Plan (FPRP) • A project specific Fire Plan for Construction, Operations and Maintenance has been developed by the CAL Fire Chief. This Fire Plan was approved on January 20, 2010. • A Fire Marshall has been hired for the Project to enforce the Fire Plan. <p>HS-APM-12</p> <ul style="list-style-type: none"> • Traffic Control Plan • A study documenting traffic impacts has been completed and is included in Appendix F. A Traffic Control Plan will be developed by the contractor and submitted to the CPUC once available. The Traffic Control Plan will address roadway crossings used by the Project and coordination with emergency vehicles. <p>HS-APM-14</p> <ul style="list-style-type: none"> • Environmental Training • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes procedures regarding potential exposure of hazardous materials in accordance with Federal, State, and local authorities. <p>HS-APM-15</p> <ul style="list-style-type: none"> • Soil and Groundwater Contamination • No excavation (trenching for utility installation) is anticipated to occur as part of this work and therefore this mitigation measure does not apply. <p>HS-APM-16</p> <ul style="list-style-type: none"> • Contaminated Soil and Groundwater Testing • No excavation (trenching for utility installation) is anticipated to occur as part of this work and therefore this mitigation measure does not apply. <p>HS-APM-17</p> <ul style="list-style-type: none"> • Contaminated Soil and Groundwater Notification • No excavation (trenching for utility installation) is anticipated to occur as part of this work and therefore this mitigation measure does not apply. <p>PS-1a</p> <ul style="list-style-type: none"> • Limit the conductor surface electric gradient. • This work will be for the set-up and utilization of a construction yard. No overhead construction will be performed here and therefore this mitigation measure does not apply. <p>PS-2a</p> <ul style="list-style-type: none"> • Implement grounding measures. • This NTP request is proposed for the set-up and utilization of a construction yard. No transmission construction will be performed here and therefore this mitigation measure does not apply.

NTP Title	Alpine Construction Yard
Air Quality	<p>AQ-1a</p> <ul style="list-style-type: none"> • <i>Suppress dust at all work or staging areas and on public roads.</i> • A Dust Control Plan was approved by the CPUC on January 20, 2010, which addresses mitigation measures AQ-1a, AQ-APM-1, AQ-APM-2, and AQ-APM-3. This plan was submitted for the entire Sunrise Powerlink Project alignment and addresses specific measures that will be required to prevent generation of dust. • The Dust Control Plan will be implemented and enforced during set-up and use of the Alpine Construction Yard 18. <p>AQ-1b</p> <ul style="list-style-type: none"> • <i>Use low-emission construction equipment.</i> • Contractor will use Tier 3 equipment, when available, at the Alpine Construction Yard 18, minimizing the use of Tier 2 equipment. SDG&E has based its air mitigation requirements on a minimum of 60% usage of Tier 3 equipment. Any portable equipment over 50 hp will be permitted with the local Air Pollution Control District or the California Air Resources Control Board. Equipment run logs will be maintained on a daily basis to satisfy mitigation measures. <p>AQ-1h</p> <ul style="list-style-type: none"> • <i>Obtain NOx and particulate matter emission off sets.</i> • SDG&E has procured carbon credits in compliance with measure AQ-4a Offset Construction-Phase Greenhouse Gas Emissions (GHG) with Carbon Credits. Documentation in support of this mitigation measure was submitted to the CPUC on August 27, 2009 and was conditionally approved on September 15, 2009. <p>AQ-4a</p> <ul style="list-style-type: none"> • <i>Offset construction-phase greenhouse gas emissions with carbon credits.</i> • SDG&E will offset Construction-Phase Greenhouse Gas Emissions with Carbon Credits as per documentation submitted to the CPUC on August 27, 2009. <p>AQ-4c</p> <ul style="list-style-type: none"> • <i>Avoid sulfur hexafluoride emissions.</i> • Avoidance of Sulfur hexafluoride emissions does not apply to this site. Sulfur hexafluoride is only used in equipment that is installed in substations. Since this site is not a substation this mitigation measure does not apply. <p>AQ-APM-1</p> <ul style="list-style-type: none"> • <i>Comply with Imperial County Air Pollution Control District Rule 800 in Imperial County.</i> • A Dust Control Plan was approved by the CPUC on January 20, 2010. The Dust Control Plan was also submitted to the Imperial County Air Pollution Control District and approval was received on December 9, 2009. This plan was submitted for the entire Sunrise Powerlink Project alignment and addressed mitigation measures AQ-1a, AQ-APM-1, AQ-APM-2, and AQ-APM-3. • The Dust Control Plan will be implemented and enforced during set-up and use of the Alpine Construction Yard 18. <p>AQ-APM-2</p>

NTP Title	Alpine Construction Yard
	<ul style="list-style-type: none"> • Construction Best Management Practices (BMPs) to minimize dust • A Dust Control Plan was approved by the CPUC on January 20, 2010, which addresses prohibition of grading during high wind gusts exceeding 25 mph, maintain 2 feet of free board on soil transportation, snow fence-type windbreaks, and maximum vehicle speeds of 15 mph on unpaved roads, watering of unpaved road, soil stabilizers, and minimizing fugitive dust from soil stockpiles. This plan was submitted for the entire Sunrise Powerlink Project alignment and addresses specific measures that will be required to prevent generation of dust. • The Dust Control Plan will be implemented and enforced during set-up and use of the Alpine Construction Yard 18. <p>AQ-APM-3</p> <ul style="list-style-type: none"> • Minimize transport of fugitive dust • A Dust Control Plan was approved by the CPUC on January 20, 2010, which addresses minimization of dust or mud transportation by use of chemical stabilizers or rattle plates. This is also addressed in the draft SWEAP, which was submitted to the CPUC on November 9, 2009. <p>AQ-APM-4</p> <ul style="list-style-type: none"> • Construction worker parking • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes promoting carpooling to the job site. <p>AQ-APM-5</p> <ul style="list-style-type: none"> • Minimize equipment idling time • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and instructs on minimizing vehicle idling time.
Water Resources	<p>There are no streams, wetlands, riparian habitats, rivers, wells, springs, or drainages located within or adjacent to the Alpine Construction Yard 18. Many of the mitigation measures related to impacts to water resources are not applicable. Utilization of this yard will not impact water resources.</p> <p>H-1k</p> <ul style="list-style-type: none"> • Comply with Forest Service conditions. • This portion of the project is not located on United States Forest Service (USFS) land and therefore this mitigation measure does not apply. <p>H-1l</p> <ul style="list-style-type: none"> • Construction on Forest Service land to be subject to an approved, site-specific SWPPP and Sediment-Control Plan. • This portion of the project is not located on United States Forest Service (USFS) land and therefore this mitigation measure does not apply. <p>H-4b</p> <ul style="list-style-type: none"> • Avoid blasting where damage to groundwater wells or springs could occur. • Construction set-up and utilization of this yard will not require blasting work and therefore this mitigation measure does not apply.

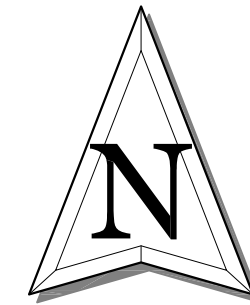
NTP Title	Alpine Construction Yard
	<p>H-6a</p> <ul style="list-style-type: none"> • Scour protection to include avoidance of bank erosion and effects to adjacent property. • This mitigation measure applies to tower construction. No tower construction is being proposed as part of the construction set-up and utilization of this yard and therefore this mitigation measure does not apply. <p>H-7a</p> <ul style="list-style-type: none"> • Develop Hazardous Substance Control and Emergency Response Plan for project operation. • SDG&E is developing a construction SWPPP which will include emergency response information. • At this time, SDG&E requests this NTP be conditioned upon receipt of the SWPPP for Alpine Construction Yard 18. <p>H-8a</p> <ul style="list-style-type: none"> • Bury power line below 100 –year scour depth. • No burying of power lines within underground stream crossings will occur at the Alpine Construction Yard 18, therefore this mitigation measure does not apply. <p>WQ-APM-1</p> <ul style="list-style-type: none"> • All construction and maintenance activities shall be conducted in a manner that minimizes disturbance to riparian/wetland vegetation, drainage channels, and intermittent and perennial stream banks to the extent feasible. • There are no riparian/wetland vegetation, drainage channels, or intermittent and perennial stream banks located within or adjacent to the Alpine Construction Yard 18 therefore this mitigation measure does not apply. <p>WQ-APM-2</p> <ul style="list-style-type: none"> • Structures shall be placed so as to avoid sensitive features. • No tower construction is proposed as part of this NTP request and therefore this mitigation measure does not apply. <p>WQ-APM-3</p> <ul style="list-style-type: none"> • Specific sites as identified by authorized agencies (e.g., fragile watersheds), shall be clearly marked. • While there are no known specific hydrology or water resources that will need to be clearly marked on-site, construction and surface disturbing activities will not be allowed to begin until the site has been clearly marked, fenced or flagged to delineate those areas specifically allowed for use and those that are restricted. • Construction personnel and all project personnel will be presented the SWEAP, which addresses staying within marked, fenced or flagged areas <p>WQ-APM-4</p> <ul style="list-style-type: none"> • Protect against erosion • A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes information regarding protection of water resources, following the site SWPPP and the use of Best Management Practices. • A Stormwater Pollution Prevention Plan (SWPPP) for this site will be developed, which

NTP Title	Alpine Construction Yard
	<p>will incorporate Storm Water Best Management Practices.</p> <ul style="list-style-type: none"> At this time, SDG&E requests this NTP be conditioned upon receipt of the SWPPP for Alpine Construction Yard 18. <p>WQ-APM-5</p> <ul style="list-style-type: none"> Stream crossings No construction will occur through stream crossings as part of construction set-up and utilization of this yard and therefore this mitigation measure does not apply. <p>WQ-APM-6</p> <ul style="list-style-type: none"> Protection of water supplies SDG&E will not impact water supply wells or surface waters by set-up and utilization of this yard and therefore this mitigation measure does not apply. <p>WQ-APM-8</p> <ul style="list-style-type: none"> Water discharge Groundwater will not be removed and discharged to surface water or storm drains. If dewatering is necessary, it will be contained and be disposed of properly. <p>WQ-APM-9</p> <ul style="list-style-type: none"> Fuel and material storage There is no known groundwater supply well on the Alpine Construction Yard 18 site and the property is not within 400 feet of community or municipal wells. <p>WQ-APM-10</p> <ul style="list-style-type: none"> Minimize bank erosion No burying of power lines within underground stream crossings will occur at the Alpine Construction Yard 18 therefore this mitigation measure does not apply. <p>WQ-APM-11</p> <ul style="list-style-type: none"> Hazardous waste disposal This mitigation measure applies to the underground portion of the project and therefore, does not apply. <p>WQ-APM-13</p> <ul style="list-style-type: none"> Hazardous waste disposal A draft Safe Worker and Environmental Awareness Program (SWEAP) video was submitted to the CPUC on November 9, 2009. This SWEAP will be shown to all project personnel, and includes the directive that hazardous materials are never to be disposed of on the ground and instructions on proper disposal of hazardous materials. <p>WQ-APM-14</p> <ul style="list-style-type: none"> NPDES permit A SWPPP is in the process of being developed and will be implemented to minimize hydrologic impacts. At this time, SDG&E requests this NTP be conditioned upon receipt of the SWPPP for Alpine Construction Yard 18. <p>WQ-APM-15</p>

NTP Title	Alpine Construction Yard
	<ul style="list-style-type: none"> • Construction access routes • Access to this site will be through existing roads. No access roads will be constructed nor will they disturb sensitive features, therefore this mitigation measure does not apply. <p>WQ-APM-16</p> <ul style="list-style-type: none"> • Stream Crossings and ACOE assessments • No sensitive water resources exist within or adjacent to the construction limits and therefore this mitigation measure does not apply.
Geology, Mineral Resources, & Soils	<p>The Alpine Construction Yard 18 will not include installation of transmission structures and therefore does not require geotechnical studies for soil, groundshaking, or other ground disturbances. None of the Geology, Mineral Resources and Soils mitigation measures apply to this NTP request.</p>
Socioeconomics, Services, & Utilities	<p>S-2a</p> <ul style="list-style-type: none"> • Notify public of utility service interruption. • No utility interruptions will occur as part of the set-up and utilization of the Alpine Construction Yard 18; therefore this mitigation measure does not apply. <p>S-2b</p> <ul style="list-style-type: none"> • Protect underground utilities. • Prior to construction of the underground transmission line, SDG&E shall provide evidence of review to protect existing utilities. • No underground transmission construction work will be conducted for set-up and utilization of the Alpine Construction Yard 18; therefore this mitigation measure does not apply. <p>S-3a</p> <ul style="list-style-type: none"> • Recycle construction waste. • SDG&E and/or its construction contractor shall recycle a minimum of 90% of inerts and 70% of all other materials generated during construction activities. Documentation from the recycling and/or landfill facilities used for construction waste will be provided. <p>S-3b</p> <ul style="list-style-type: none"> • Use reclaimed water. • To the extent feasible, SDG&E will consider use of reclaimed water for this site. • A minimal amount of water for yard activities, such as dust control, is planned for the Alpine Construction Yard 18. <p>PSU-APM-1</p> <ul style="list-style-type: none"> • Coordinate with other utility providers • SDG&E will not be trenching or excavating as part of set-up and utilization of this yard. This mitigation measure does not apply. <p>PSU-APM-2</p> <ul style="list-style-type: none"> • Underground service alert • While no excavation or trenching is anticipated, Underground Service Alert will be

NTP Title	Alpine Construction Yard
	<p>notified at least 48 hours in advance to identify any buried utility lines and conflicts with other facilities will be avoided.</p> <p>PSU-APM-3</p> <ul style="list-style-type: none"> • Coordination with emergency services • SDG&E will coordinate with emergency and police services to ensure that disruption to response times and access is minimized. • Construction schedules and activities are not anticipated to disrupt emergency and police service response times during set-up and utilization of the Alpine Construction Yard 18.
Fire & Fuels Management	<p>F-1a</p> <ul style="list-style-type: none"> • Develop and implement a Construction Fire Prevention Plan. • A Construction Fire Plan, signed by the CALFire Chief, was approved by the CPUC on January 20, 2010 • The Fire Plan will be implemented and enforced during set-up and utilization of this yard. <p>F-1b</p> <ul style="list-style-type: none"> • Amend and implement Sempra Utilities Wildland Fire Prevention and Fire Safety Guide. • Amend and implement Sempra Utilities Wildland Fire Prevention and Fire Safety guide (2007). • The above is known as the SDG&E Wildland Fire Prevention and Fire Safety Plan (ESP 113.1) and is part of the Construction Fire Plan. The Fire Plan will be implemented and enforced during set-up and utilization of Alpine Construction Yard 18. <p>F-1d</p> <ul style="list-style-type: none"> • Remove hazards from the work area. • Clear dead and decaying vegetation from the work area prior to starting construction and/or maintenance work. • The Alpine Construction Yard 18 is previously disturbed and cleared land. It is not anticipated that clearing of dead or decaying vegetation, for fire prevention, will be needed prior to construction and/or maintenance work. • Should dead or decaying vegetation need to be removed during utilization of the Alpine Construction Yard 18 it will be done in coordination with the Project Fire Marshall and either removed or chipped and spread onsite in piles no higher than six (6) inches. <p>F-3a</p> <ul style="list-style-type: none"> • Contribute to Powerline Firefighting Mitigation Fund. • On-going efforts with CAL FIRE and local fire agencies are in progress to establish and provide oversight to the Powerline Firefighting Mitigation Fund. This is required to be completed post-construction. <p>F-3b</p> <ul style="list-style-type: none"> • Prepare and implement a Multi-agency Fire Prevention MOU. • SDG&E has prepared a draft Fire Prevention MOU. Draft comments from CAL FIRE and local fire agencies have been incorporated and on-going efforts are in progress to refine the draft MOU.

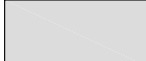


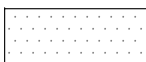


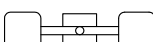
NTP Title	Alpine Construction Yard
	<ul style="list-style-type: none"> <li data-bbox="444 984 1409 1045">The MOU is required to be adopted prior to energizing the new transmission line and therefore does not apply for this NTP request.



SUMMARY:

SDG+E PROPERTY	SQ. FT.	ACRES
230 KV OH YARD	240,000	5.5
230 KV UG YARD	170,220	3.9
CONTRACTOR MATERIAL YARD	152,500	3.5
FIELD OFFICE AND PARKING	180,000	4.1
TOTAL LAND USED	742,720	17.0

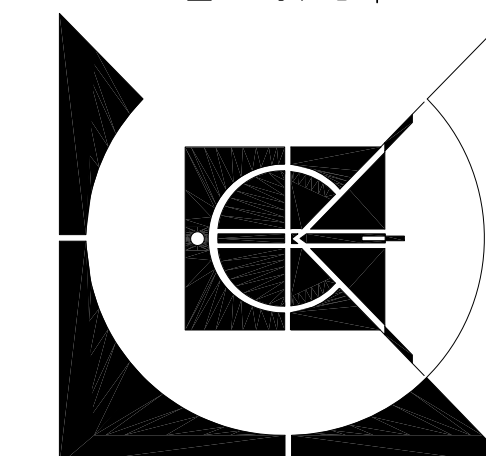
LEGEND:

- | | |
|---|--|
|  | SDG&E MATERIAL YARD AREAS |
|  | CONTRACTOR MATERIAL YARD AND OFFICES |
|  | CONSTRUCTION TRAILER (OFFICE & TOILET UNIT) |
|  | EXISTING ACCESS ROAD |
|
 | |
|  | EXISTING 6'-0" HIGH CHAIN LINK FENCE WITH VISUAL SCREENING |
|  | EXISTING 30'-0" MANUAL CHAIN LINK GATE |
|
 | |
|  | TEMPORARY MOBILE YARD LIGHT |

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CONCISE TANT

OWNER:

PROJECT: **USPL ALPINE FIELD HEADQUARTER FACILITY & MATERIAL**
THOMAS - DYKE BARCEL

SHEET TITLE:
MASTER SITE PLAN

DRAWN BY: LC
SCALE: AS SHOWN
DATE: 02/25/10
PROJECT NAME:
2921 SUNRISE

SHEET

MS-3

 X OF Z